

Dr. Supriya S. Chimagave

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CAREER OBJECTIVE

To pursue a challenging career in a competitive environment where I can apply my existing knowledge, acquire skills and contribute them to the organisation to the fullest of my capabilities.

AREA OF INTEREST

- Academics and research
- Natural products development
- Scientific writing and editing
- Pharmacovigilance
- Cell biology studies
- Bio-analytical studies

ACADEMIC PROFILE

Course	Institution	% Marks	University/Board	Year of Passing
Ph.D	KLE College of Pharmacy, Belagavi	--	KLE University	2024
M.pharm	KLE College of Pharmacy, Belagavi	78	KLE University	2019
B. Pharm	KLE College of Pharmacy, Nipani.	65.46	Rajiv Gandhi University Health sciences, Bangalore.	2016
12 th std	VidyaSanvardhak Mandal (VSM's)College, Nipani.	46	Banglore board.	2012
10 th std	Shree ParshwamatiKanyaVidyalaya, Akkol.	76.96	Banglore board.	2010

RESEARCH EXPERIENCE:

- Project Title (M. Pharm): “Preparation and development of Polyherbal formulation of medicinal plants for Anti-arthritic activity”
- Project title (Ph.D): “Design, optimization and characterization of Hesperidin loaded transferosomal gel for the treatment of Gout”

PROFESSIONAL MEMBERSHIP:

- Registered pharmacists in Karnataka State Pharmacy council (**KSPC**- Reg. No. 57430)

WORK/ RESEARCH / TEACHING EXPERIENCE

Position	Name of Institute	From	To	Experience in years/months
Internship	Phyto Pharmaceuticals, Kolhapur	03-06-2016	06-07-2016	1 month
Full time PhD Research Scholar	KLE College of Pharmacy, KAHER, Belagavi	01-08-2019	01-08-2022	3 Years (Research experience)
Assistant Professor	YSPMS's Vasantidevi Patil institute of pharmacy, Kodoli, Maharashtra	01-02-2023	30-08-2023	7 months
Assistant Professor	D Y Patil college of pharmacy Kolhapur	04-09-2023	07-09-2024	1 year
Total experience =				3 years (Research) 1 year 7 months (Teaching) 1 month (Training)

Courses Taught:

D. Pharm., B. Pharm.

Subjects Handled:

Pharmacognosy, Pharmacognosy and Phytochemistry- I, Pharmacy law and ethics, Pharmacovigilance.

Area of Research Interest:

- Formulation and development of Novel Drug Delivery including nanoparticulate systems like lipid nanoparticles such as transferosomes, cubosome, liposomes, and ethosomes using suitable phytoconstituents and plant extract.
- Pharmaceutical Analytical method development (HPLC, UV).
- Preclinical studies like pharmacokinetics and pharmacodynamic (anti arthritic and anti inflammatory)

Technical skills:

Instruments handled are UV Spectrophotometer, FTIR Spectrophotometer, HPLC, Spray dryer, Automated Dissolution Test Apparatus, Franz diffusion cells, Viscometer, Lyophilizer, DSC, Nanotrac (particle size analyzer) etc.

Computer Proficiency:

Familiar with Windows Operating Systems, Microsoft office, Good Data Entry Speed, and handled different softwares dealing with the formulation, evaluation and analysis like Graphite prism, Design expert, Mendeley, Turnitin etc.

SKILLS

- Strong oral and written communication skills
- Excellent in MS Word, Powerpoint and Graph Pad Prism
- Logical thinking
- Problem solving capability
- Project management
- Effective team member
- Managing multiple tasks

WORKSHOPS ATTENDED

- One day workshop entitled “Effective Scientific Writing Skills” held on 22nd September 2017 at KLEU's - BSRC: Belgaum.
- Attended the 8th AASP Conference held on 27th-29th October 2017 at Jagadguru Sri Shivarathreshwara University, Mysuru, India.
- Attended the 6th National Level Field Workshop on Medicinal Plants in Western Ghats held on 31st January to 3rd February, 2018 Theme: Globalizing Traditional Medicinal Knowledge, organized by - KLE Academy of Higher Education and Research, Indian Council for Medical Research- National Institute of Traditional Medicine, Belagavi, Karnataka and Kokum Foundation, Goa, in association with the Society for Ethnopharmacology and Society of Pharmacognosy, India.
- Attended the scientific sessions of National Conference on “Advances in Drug Discovery and Development” held on 26th and 27th October 2018 at KLE College of Pharmacy, Belagavi, Karnataka.
- Attended lecture sessions of Two Day Post Graduate [PG] seminar on “Nano Technology and Nano Pharmaceuticals” held on 15th& 16th November 2018 at KLE Centenary Convention Center, JNMC Campus Belagavi, Karnataka. Organized by KLE College of Pharmacy, Belagavi in Association with Karnataka Science and Technology Academy [KSTA], Bangaluru.
- One day symposium on “Novel Trends in Drug Design and Natural Product Chemistry” held on 2nd February, 2019 at Yashvantrao Bhosale College of Pharmacy, Sawantwadi, Maharashtra in Collaboration with Indian Pharmaceutical Association.
- One day workshop entitled “Medicinal Plant Identification by Taxonomical Approach” organised by Dept of Pharmacognosy, held on 26th March 2019 at KLE College of Pharmacy, Belagavi, Karnataka.
- One day online national level workshop cum FDP on emerging trends in instrumentation and application of HPTLC in drug discovery conducted on 29th September 2023 jointly organized by anchrome enterprises pvt ltd, Mumbai & Kamalprakash Pharmacy College and Research Centre, Kherda, Washim, Maharashtra.
- Participated international conference on nanotechnology addressing the convergence of materials science, Biotechnology and medical science held at the centre of interdisciplinary research, D. Y. Patil education society, Kolhapur, Maharashtra, India during 12th to 14th February 2024

- Participated in five days national online faculty development programme as a delegate on innovations and challenges in pharmacy held on 26th February to 1st March, 2024 organised by Saveetha College of Pharmacy, Thandalam.
- Participated in five days faculty development program on herbal medicine: Harmonising traditional knowledge and modern health care system organized by School of Pharmacy in association with IQAC cell, the Assam Kaziranga University, Assam held from 05/08/2024-09/08/2024.

PUBLICATIONS

- **Supriya S. Chimagave**, Sunil S. Jalalpure, Bhaskar K. Kurangi Preparation and development of polyherbal formulation of medicinal plants for antiarthritic activity is published in Indian Journal of Health Sciences and Biomedical Research KLEU.
- **Supriya S. Chimagave**, Sunil S. Jalalpure, Akshay K. Patil, Bhaskar K. Kurangi Development and Validation of Stability Indicating UV-Spectrophotometric Method for the Estimation of Hesperidin in Bulk Drugs, Plant extract, Ayurveda formulation and Nanoformulation is published in Indian journal of pharmaceutical education and research (IJPER)
- **Supriya S. Chimagave**, Sunil S. Jalalpure, Akshay K. Patil, Bhaskar K. Kurangi Development and validation of a novel stability indicating RP-HPLC method for estimation of hesperidin in nanotransferosome and Ayurvedic marketed product is published in journal of applied pharmaceutical sciences.
- Akshay K. Patil, Sunil S. Jalalpure, **Supriya S. Chimagave**, UV-Spectrophotometric method development and validation for piperine estimation in black pepper, ayurvedic formulation and novel nano formulation: A perfect quality assessment tool is published in Indian journal of pharmaceutical education and research (IJPER)
- Moazzim Soudagar, Bhaskar Kurangi, HB Chethan K, **Supriya Chimagave**, Umesh Patil, Shruti Kolambkar, Development and validation of a simple stability-indicating HPLC method for the quantification of Berberine in pharmaceuticals, Ayurvedic, homeopathic products and novel nanoformulation is published in Analytical chemistry letters

- Akshay K. Patil, V P Gaonkar, **SS Chimagave**, Pharmacognostical and biological evaluation of mayurshikha (*Actiniopteris dichotoma* bedd): An Ayurvedic medicinal plant is published in international journal of Ayurvedic medicine.
- Chethan Kumar, Bhaskar Kurangi, Moazzim Soudagar, **Supriya Chimagave**, Swapnil Patil, Development and validation of UV- Spectrophotometric method for estimation of vinpocetine in marketed formulation and nanoformulation is published in international journal of Ayurvedic medicine.

Poster presentations

- Presented A Poster Entitled “Analytical method development and validation of Hesperidin in bulk by UV spectrophotometric method” at the 8th International Congress of Society For Ethnopharmacology, organised by SFE-India punechapter and Bharathividhyapeeth (Deemed to be university) poona college of pharmacy and all pharmacy colleges of pune region, 27-29 August 2021
- Presented a Poster / Oral Entitled “Formulation and Characterization of Hesperidin Loaded Transferosome for Transdermal Delivery of Antigout Drug” 25 the National Convention of Society of Pharmacognosy & International Conference on New Horizons of Natural Products and Ayush Remedies During November 27-28, 2021.
- Presented a poster in Two Days National Seminar (Online), 2022 On Cytogenetics, in vitro Culture and Phytochemistry of Plants and Microbes for Sustainable Use Jointly Organized By Department of Botany, entitled as “UV spectrophotometric method development and validation of quercetin in bulk powder and plant extract” 22.01.2022 and 23.01.2022.

PATENT PUBLISHED: 01

Title of the invention: Hesperidin and Phospholipid 90G loaded transferosome for the treatment of Anti gout potential

Names of the inventors: **Supriya Chimagave**, Sunil Jalalpure, Akshay K. Patil, Bhaskar K. Kurangi

Application Number: 202341038987 A

Date of filing of application: 07/06/2023

Date of publication: 08/09/2023

COLLABORATIVE RESEARCH PROJECT: 02

- Effect of triphala (polyherbal formulation) in the management of arthritis- a clinical trial, with KLEU's Shri BMK Ayurveda Mahavidyalaya, Belagavi.
- Effect of star fruit extract (*Averrhoa carambola*) in the treatment of anti cancer potential *in vitro* and *in vivo* assay, with D Y Patil College of Engineering, Kasaba bawada Kolhapur.

STUDENTS GUIDED:

B. Pharm 8th semester - 3 students

Title of research work - Development, validation and quantification of herbal phytoconstituents loaded nanoformulation by UV spectrophotometric method

AS EXAMINER:

- As Paper Setter and External examiner in practical in the subject Pharmacognosy and Phytochemistry I, for B.Pharm IV semester student's exams in Shivaji University affiliated Appasaheb Birnale College of Pharmacy, Sangli.
- As Evaluator for B. Pharm. in the subject Pharmacognosy and Phytochemistry-I Exams in Shivaji University Kolhapur.

PERSONAL DETAILS

Date of birth	:24 th November 1994
Gender	:Female
Civil status	: Unmarried
Languages spoken	: English, Hindi, Marathi, Kannada.
Interests & Hobbies	: Reading, Playing, Gardening, travelling.

DECLARATION

I hereby declare that the above information is true and to the best of my knowledge and belief.

DATE: 29/08/2024

(DR. SUPRIYA S. CHIMAGAVE)