

Curriculum vitae

Personal Details:

Full Name:	Parmar Purviben Tejaskumar (Previous Name: Suthar Purviben Prahladbhai)	
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Date of Birth:	18 th June, 1984	
Nationality:	Indian	
Languages Conversant:	English, Hindi, Gujarati	

Career Summary:

- More than 8 years of research and teaching experience in the field of pharmacy.
- Awarded Ph.D. in Pharmacy from Hemchandracharya North Gujrat University, Patan-384265, Gujarat, India.
- Deep involvement in preclinical (phyto-pharmacological) studies for new drug discovery.
- Guided, supervised and leaded academic as well as funded independent research projects.
- Participated in national and international seminars, conferences, symposiums and faculty development programs.

Skills:

Specialization: Doctor of Philosophy in Pharmacy

General Skills:

- Ability and desire to work collaboratively in multidisciplinary teams.
- Execution of planning and management of team projects.
- Working within a laboratory environment with sophisticated analytical instruments.
- Strong capabilities in the analysis, interpretation and presentation of scientific data.

Professional Skills:

- Protocol development, data collection, planning, scheduling, monitoring preclinical herbal research and summarising reports with outcomes.
- Approaching funding sources to have assistance for phyto-pharmaceutical research.
- Identification of medicinal plant species through taxonomy and morphological observations.
- Identification and authentication of medicinal plants and powdered plant material using optical microscopic techniques.
- Preparation of bioactive herbal extracts, isolation (separation) and purification of plant actives (phytoconstituents).
- Qualitative and Quantitative evaluation of herbal extracts / phyto-constituents by using advanced chromatographic and spectral analytical techniques.
- WHO guidelines implementation for quality control and standardization of herbal drugs / raw materials.

Computer Literacy:

- Effective workability with the following software using Microsoft Windows and MAC operating system environment.
 - Office Automation: MS Office, Adobe Acrobat DC
 - Chemistry: Chemdraw, ISIS Draw
 - Statistical: Graphpad Prism, Sigma plot
 - Analytical: Respective analytical instruments' softwares
- Proficient in scientific review using internet, access to scientific databases and online journals.

Area of Interest:

To carry out preclinical investigations of herbal drugs, standardization of botanicals and herbal formulation development.

Achievements:

- Received and completed major research project funded by All India Council for Technical Education, Govt. of India, New Delhi with INR 2,000,000 (in 2011) in the area of pharmacological evaluation of selected plants' cardiovascular potential.
- Received best paper presentation award in National Seminar on Innovations in Pharmaceutical Research on 8th - 9th September, 2009 organized by Baroda College of Pharmacy and Indian Pharmaceutical Association, Baroda, Gujarat.
- Secured second position in Gujarat Council on Science and Technology, Government of Gujarat sponsored State level paper presentation competition organized by K. B. Institute of Pharmaceutical Education and Research, Gandhinagar on 18th - 19th February, 2006.

Work History:

1st Nov, 2008 to continue	Assistant Professor Department of Pharmacognosy Shri Sarvajani Pharmacy College, Mehsana - 384001, Gujarat, India Website: www.sspcmnsn.org email: info@sspcmsn.org (Job Timings: Mon – Sat 9:00 am to 4:00 pm, excluding public holidays) Duties Performed: <ul style="list-style-type: none">▪ Curricular activities - course conduction, examination, assessment and curriculum update.▪ Medicinal garden - as an in-charge, development and maintenance of institute's medicinal garden.▪ Herbarium - Maintenance of institute level herbarium library and its utilization records.▪ Research assistance - assistance to graduates, postgraduate and Ph. D. scholars working in the area of pre-clinical herbal drug pharmacology.▪ Drug extraction from medicinal plants, Drug testing on animals, record keeping.▪ Funded research projects - to approach and govern funded herbal research projects.▪ Publication of review, research articles and bibliographic compilation.
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Educational Profile:

Qualification	University / Board	College / School	Year & Month	Result
Ph.D Pharmacy (Pharmaceutical Sciences)	Hemchandracharya North Gujarat University, Patan - 384265, Gujarat, India.	-	Jan 2017	Awarded
M.Pharm (Pharmacognosy)	Ganpat University, Kherva - 384012, Gujarat, India.	Shri S. K. Patel College of Pharmaceutical Education & Research, Kherva - 384012, Gujarat, India	Jul 2008	68.40 % (First Class)
B. Pharm	Hemchandracharya North Gujarat University, Patan 384265, Gujarat, India.	Shri Sarvajanic Pharmacy College, Mehsana-384001, Gujarat, India.	Jun 2006	71.53 % (First Class with Distinction)
D. Pharm	North Gujarat University, Patan 384265, Gujarat, India.	Shri B. M. Shah College of Pharmacy, Modasa- 383315, Gujarat, India.	Jun 2003	72 % (First Class with Distinction)
H.S.C.	Gujarat Secondary and Higher Secondary Education Board.	Smt. A. S. J. Patel Higher Secondary School, Gozaria- 382825, Gujarat, India.	May 2001	70 % (First Class with Distinction)
S.S.C.	Gujarat Secondary and Higher Secondary Education Board.	Sheth C. M. Highschool, Samou - 382825. Ta. Mansa, Dist. Gandhinagar, Gujarat, India.	Mar 1999	81.14 % (First Class with Distinction)

Projects done during study:

Duration	Area / Title	Description of work
Ph.D.	Studies on Preparation and Evaluation of Topical Formulation with Wound Healing Activity Containing Plant Constituents	Traditional herbal plants were procured and standardized for quality, Extracts were prepared and their relative optimum ratio was selected. Two formulations, Dusting powder and Ointment, were prepared and evaluated for their therapeutic efficacy, dosage form parameters and pre-clinical studies.
M.Pharm. Dissertation	Optimization of isolation parameters and Formulation of colon targeted herbal drug.	Isolation parameters were optimized for Calcium sennoside, a potent laxative obtained from leaves of <i>Cassia angustifolia</i> and <i>Cassia ancutifolia</i> . Formulated a novel colon targeted drug delivery system of Calcium sennoside.
B.Pharm (Elective)	Comparative evaluation of government supply and marketed brands of Furosemide tablet.	Evaluations for quality parameters have been performed to study the similarity between different government and market supplied tablet brands. It proved that both sources of selected drugs were comparable in all quality parameters.

Research projects done/supervised:

- A major research project, funded (INR 2,000,000, Reference No. 8023/RID/RPS-39/2011-12) by All India Council of Technical Education (AICTE), Government of India, New Delhi under the Research Promotion Scheme (RPS) during the year of 2011-12, have been successfully completed as a co-principle Investigator. The topic of study was Pharmacological and Pharmacognostic evaluation of fruits of *Myristica fragrance*, *Cucumis sativus* and *Anethum graveolance*: a pre-clinical phyto-pharmacological investigation. Selected plants were authenticated, microscopic and chemical profile investigated. Bioactive herbal extracts were prepared, standardized and evaluated for their cardiovascular potentials in-vivo by using rat model. Biochemical changes were monitored by performing different chemical and enzymatic tests for serum and blood collected from animals periodically. Histopathological analysis of heart also carried out for each group to assess cardiovascular effects of administered extracts/drugs.
- Supervised a post graduate research project - "Cardio protective effect of *Cucumis sativus* linn. fruits against isoproterenol induced myocardial infarction" in the year of 2013. It was preclinical pharmacological evaluation of selected plant fruits in the area of cardiovascular diseases specifically myocardial infraction. Hydro alcoholic and methanolic fruit extracts were prepared and estimated for their cardio protective actions by estimation of plasma cardiac specific injury markers - Creatinine phosphokinase (CK-MB), Lactate dehydrogenase (LDH), Aspartate transaminase (AST) along with serum lipid profile of animals and histopathology of hearts. Phytochemical screening operation was performed for prepared extract to characterize its chemical composition.
- Supervised a post graduate research project - "Studies on evaluation of vasorelaxant effect of *Anethum graveolens* linn. seed extracts" in the year of 2013. The selected plant was authenticated, evaluated for all quality parameters as per WHO guideline for herbal raw materials which includes all morphological, microscopical and chemical analysis. Extracts were prepared and standardized, vasorelaxant effect of prepared extracts was evaluated *in-vitro* by using rat ileum method.
- Designed and supervised a post graduate research project, titled by "Synthesis and antimicrobial evaluation of some novel Embelin derivatives" in the year of 2011. Embelin is an phytoconstituent, bezoquinone derivative found present in fruits of *Embelia ribes*. To synthesize novel antimicrobial agent, Embelin was selected, isolated and purified from fruit powder, was subjected for DSC, IR, UV study and results were compared to standard Embelin to justify its purity and spectral properties. Isolated and purified Embelin derivatized by chemical methods and Semisynthetic derivatives were evaluated for anti-microbial assay.

Professional Development:

Memberships

- Life member of The Association of Pharmaceutical Teachers of India (APTI) since 4/11/2009.

Participation in Faculty Development Program / Staff Development Program:

- All India Council for Technical Education (AICTE) sponsored 2-week staff development program on "Recent Trends in Analytical Techniques" from 29th June 2009 to 11th July, 2009 at Sigma Institute of Pharmacy, Bakrol, Ajva Road, Ta-Waghodiya, Dist-Vadodara, Gujarat, India.
- Faculty Development Program of "Swami Vivekanand Contributor Personality Development Program" on 7th and 8th January, 2012 organized by Gujarat Technological University (GTU) at Somlilit Institute of Management Studies, Ahmedabad.
- Faculty Development Program of "Swami Vivekanand Contributor Personality Development Program", Phase II (Reinforcement Program) on 10th March, 2012 organized by Gujarat Technological University held at Ahmedabad Management Association, Ahmedabad.

Participation in Seminars / Symposia / Workshops / Conferences:

- Symposium on “Scientific writing: Skill and Ethics” and panel discussion on “Educational Sensex in Pharmacy: How to maintain” on 5th August, 2007 organized by APTI Gujarat State Branch and Shri B. M. Shah College of Pharmaceutical & Research, Modasa, Gujarat.
- National Seminar on “Innovations in Pharmaceutical Research” on 8th & 9th September, 2009 organized by Baroda College of Pharmacy, Baroda, Gujarat and Indian Pharmaceutical Association.
- National Seminar on “Formulation Strategies for poorly soluble drugs” on 28th March, 2010 organized by Kalol Institute of Pharmacy, Kalol, Gujarat.
- 3rd Annual Convention of Society of Pharmacognosy - Gujarat chapter on “Reshaping the classical Pharmacognosy” on 23rd Oct, 2010 organized by S, K. Patel College of Pharmaceutical Education & Research, Kherva, Gujarat.
- GUJCOST sponsored National seminar on “Development of Rational Botanical Formulations” on 5th December, 2010 organized by Kalol Institute of Pharmacy, Kalol, Gujarat.
- Cross Disciplinary International Seminar On “Creating Excellence for Sustainable Society” 15th - 16th May, 2011 at Hemchandracharya North Gujarat University, Patan, Gujarat.
- AICTE sponsored One Day Workshop on “Patenting in Pharmaceuticals” on 6th July, 2013 organized by Shri Sarvajani Pharmacy College, Mehsana, Gujarat.
- AICTE (IIPC) sponsored state level seminar on “Upgrading Pharmaceutical Quality Control Laboratory to Enhance Quality Standards” on 18th January, 2013 organized by Shri Sarvajani Pharmacy College, Mehsana and Indian Drugs Manufacturers Association, Gujarat State Board.
- 61st Indian Pharmaceutical Congress 2009 held at Nirma University, Ahmedabad on 11th -13th Dec, 2009.

Rendered services as a Local Organizing Committee (LOC) Member:

- 61st Indian Pharmaceutical Congress 2009 held at Nirma University, Ahmedabad on 11th -13th December, 2009 in scientific session.
- National Seminar on “Regulatory and Industrial Perspective on GMP and GLP in India *vis a vis* Developed Countries” on Thursday 11th February, 2010 organized by Shri Sarvajani Pharmacy College, Mehsana and Sponsored by Council of Scientific and Industrial Research, New Delhi.
- State Level Paper Presentation Competition for Pharmaceutical Sciences on 9th - 10th January, 2009 sponsored by GUJCOST organized by Shi Sarvajani Pharmacy College, Mehsana, Gujarat.
- ICMR sponsored National Seminar on “Discovery and Development of New Chemical Entity and Product Development: Expanding Horizons in Pharmaceutical Industry” on 28th February, 2009 organized by Shri Sarvajani Pharmacy College, Mehsana and APTI – Gujarat State.
- State Level Seminar Pharma Vision - 2020 on 15th - 16th September, 2012 held at Pioneer Pharmacy Degree College, Vadodara organised by Akhil Bharatiya Vidhyarthi Parisad.
- AICTE sponsored State Level Seminar on “Career Prospectus in Pharmaceutical and allied Industries and Entrepreneurship” on 1st Feb, 2014 organized by Shri Sarvajani Pharmacy College, Mehsana, Gujarat.
- AICTE sponsored Faculty Development Programme on “Newer Perspectives in Clinical Research” on 3rd - 16th July, 2013 organized by Shri Sarvajani Pharmacy College, Mehsana, Gujarat.

References:

1. Prof. (Dr.) Chhaganbhai N. Patel

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2. Prof. (Dr.) Indermeet Singh Anand

B.Pharm, M.Sc. (Med.), PDCR, Ph.D

Former Head (October 1998 to January 2016),

Department of Pharmacology & Clinical Pharmacy,

Shri Sarvajani Pharmacy College, Mehsana - 384001, Gujarat, India.

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3. Dr. Jigna Samir Shah

M.Pharm, Ph.D

Former Professor (September 1998 to August 2013),

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Shri Sarvajani Pharmacy College, Mehsana - 384001, Gujarat, India.

Professor and Head,

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

Parmar Purviben Tejaskumar

Date - Tuesday, January 31, 2017