

## Faculty Profile

<b>Name :</b>	Ms. Priya Shah (Assistant Professor, LJIP)	
<b>Date of Birth :</b>	10/08/1986	
<b>Educational Qualifications:</b>		
-Ph.D. (University)	<b>Pursuing, Kadi Sarva Vishwavidyalaya University</b>	
-Master's (University)	<b>M.Pharm. in Pharmacognosy, Ganpat University (2008-2010)</b>	
-Bachelor's(University)	<b>B.Pharm., Gujarat University(2004-2008)</b>	
-Any Other:	-----	
<b>Area of Specialization :</b>	<b>Pharmacy, Pharmacognosy</b>	
<b>Date of Joining (LJIP)</b>	<b>01/07/2010</b>	
<b>Present Position :</b>	<b>Assistant Professor, L.J. Institute of Pharmacy</b>	
<b>Contact Details:</b>		
-Address :	<b>8, Sweta Park Society No-1, Ambavadi, Ahmedabad-380 006, Gujarat, India</b>	
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-Phone	<b>(R) - (M) 9510375157</b>	
<b>Work Experience :</b>	Teaching (10 years) Industrial(--), Research & Development(--)	
<b>Subjects taught :</b>		
-Under Graduate level	<b>Pharmacognosy &amp; Phytochemistry-I (3<sup>rd</sup> sem.), Pharmacognosy-II (4<sup>th</sup> sem.), Pharmacognosy &amp; Phytochemistry-II (5<sup>th</sup> Sem.), Herbal Drug Technology (6<sup>th</sup> sem.), Pharmacognosy V (7<sup>th</sup> sem.) &amp; Pharmacognosy VI (8<sup>th</sup> sem.)</b>	
-Post Graduate level	-	
Area of Specialization in your field	Extraction, Isolation, Presentation of Herbal formulation	
A brief account of work done by you in the M. Pharm. and Ph.D.	<p style="text-align: center;"><b>M.Pharm:</b></p> <p style="text-align: center;"><b>“Design, development and characterization of microsphere of Andrographolide”</b></p> <p>Andrographolide is the active component obtained from the aerial parts of <i>Andrographis paniculata</i> plant, having extremely bitter taste. In Ayurvedic medicine, the herb is used for its bitter tonic, stomachic, antipyretic and other gastro intestinal complaints. It is also utilized for treatment of many conditions, including diabetes, debility and hepatitis. Generally dry extract or Kalmegh or as such in powder form it is used in formulation preparation. Also large doses of the herb <i>Andrographis paniculata</i> is known to cause gastric discomforts, vomiting, and loss of appetite due to extreme bitter taste. The problem with drugs having high dose is that so only minimum of excipients can be incorporated in their formulation. Many approaches have been applied to improve these problems by adopting the modern researches done in drug delivery system like microspheres. This technology has been used in pharmaceutical industry for the conversion of liquid to solid, taste masking of bitter drugs prolonged or sustained release, separation of incompatibilities, reduced gastric irritation and environment protection of labile moieties. Hence I aimed to develop the sustained release formulation of andrographolide in order to achieve the higher and desired retention</p>	

of andrographolide in GIT and at the same time masking the bitter taste of andrographolide as an advantage.

<b>New Technologies /methods developed by you</b>	-----
<b>Scale up and Technology Transfer</b>	-----
<b>Industrial Projects Carried Out :( No.)</b>	-----
<b>Revenue/Royalty earned by the Organization in Indian Rupees</b>	-----
<b>No. Government funded Projects undertaken by you and their total value</b>	-----
<b>Research Guidance :</b>	
-Master's	-----
-Guide for PhD	-----
<b>Summer/Winter/School/Conference/ Workshops attended:</b>	<b>15</b>
<b>Summer/Winter/School/Conference/ Workshops Conducted:</b>	----
<b>Patents taken/applied for:</b>	----

#### **Publications:**

**Research Papers : 03 (02 International Journal & 1 in National Journal)**

##### **Research Papers :**

**1. Journal of complementary medicine and Alternative healthcare (Juniper Publication)**

Evaluation of Turmeric (Curcuma longa linn.) and its extracts from Indian market. **2018**

<https://juniperpublishers.com/jcmah/pdf/JCMAH.MS.ID.555700.pdf>

**2. Indian Drugs**

A simple , facile method for isolation of Embelin from fruits of Embelia ribes Burm.F (Vidang), **2016**

<https://www.indiandrugsonline.org/issuesarticle-details?id=NTE3>

**3. American Journal of Pharmatech Research**

A Simple and Facile Method for the Isolation of Andrographolide from Andrographis Paniculata Nees, **2016**

<http://ajptr.com/archive/volume-6/december-2016-issue-6>

#### **Conferences ,Workshops and Seminars**

1. Biomolecular and Biotechnological Aspects of Medicinal Plants, at Ahmedabad, October 2019.
2. Gujcost sponsored national seminar on Nutraceuticals and dietary supplements: Unlimited frontiers in Lifestyle disorders at Baroda Sept 2019.
3. International Conference on Herbal medicines: Research and commerce global Perspective, at Ahmedabad, 2018.
4. 22 ND national convention of society of Pharmacognosy and international conference on integrating ayurveda and herbal drugs for next generation therapeutics & supplements: Opportunities and challenges, at Mehsana, January 2016.
5. National Conference on 'Frontiers and Avenues in the field of herbal drug research' at Ahmedabad, February 2015.
6. National Seminar on "Recent Advances in Pharmaceutical Chemistry" at Ahmedabad, January 2014.
7. 28th Annual Conference of Indian Pharmacy Graduates' Association on "Pharmaceutical Issues & Challenges of New Decades" at Ahmedabad, February 2013.

8. Conference on Drug Discovery from natural Products at Anand, January 2013.
9. Workshop on Advanced Workshop of Patent Search and Drafting of Patent Application at Ahmedabad, April 2012.
10. 16th National Convention of Society of Pharmacognosy and International Symposium on Herbal and Traditional Medicine at Saurashtra University, March 2012.
11. National Conference on Innovation in Pharmaceutical Industry: From Dug Development to Distribution at Ahmedabad, January 2012.
12. GUJCOST sponsored National Seminar on Development of Rational Botanical Formulations at Kalol, December 2010.
13. 3rd Annual Convention of Pharmacognosy at Ganpat University, October 2010.
14. Poster presented in 14th National conference entitled "Estimation of andrographolide from different Marketed powder sample of Andrographis Paniculata by RP-HPLC" Convention of Society of Pharmacognosy at Hindu College of Pharmacy (Haryana) India, February 2010.
15. Poster presented in international conference entitled "Rasayana- A rejuvenation Therapy" on New Developments in Drug Discovery from Natural Products and Traditional Medicines at NIPER (Punjab) India, November 2008.

**Notable Achievements and activity executed: ----**

**Association with Professional Bodies**

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**Grants Received/Fetched:**

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**Consultancy and Expertise available for industries**

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