Faculty Profile

Name :	**Dr. Jignesh Shah** (Professor, LJIP)
Date of Birth :	**19/02/1985**
Educational Qualifications:	
-Ph.D. (University)	**Ph.D. in Pharmacy, Bhagwant University (2009-2013)**
-Master's (University)	**M.Pharm. in Pharmaceutical Analysis, S.P. RGUHS Bangalore (2007-2009)**
-Bachelor's(University)	**B.Pharm., RGUHS Bangalore (2002-2006)**
-Any Other:	**------**
Area of Specialization :	**Pharmacy, Quality Assurance, Pharmaceutical Regulatory Affairs**
Date of Joining (LJIP)	**08/03/2013**
Present Position :	**Professor, Quality Assurance, L.J. Institute of Pharmacy**
Contact Details:	
-Address :	**Q 304, Swaminarayan Park 3, Shahwadi, New Vasna, Ahmedabad-380 007, Gujarat, India**
-Email	**Jignesh.shah_ljip@ljinstitutes.edu.in**
-Phone	**(M)** 7228982299
Work Experience :	Teaching **(11 years)** Industrial(--) Research& Development(--)
Subjects taught :	
-Under Graduate level	**Pharmaceutical Analysis (1st and 2nd sem.), Biochemistry (4th sem.), Pharmaceutical Analysis (7th Sem.) & Pharmaceutical Analysis-II (8th sem.), Drug Approval Process (8th sem.)**
-Post Graduate level	**MAT (1st sem.), GMP GLP (1st sem.), Process Validation (2nd sem.), Drug Regulatory Authority (3rd sem.) ITD (3rd sem.), Dissertation (4th sem.)**
Area of Specialization in your field	**Analytical Method Development**
A brief account of work done by you in the M. Pharm. and Ph.D.	**M.Pharm:** ***"Simultaneous method development and validation of Nebivolol HCl and Hydrochlorthiazide in bulk drug and in pharmaceutical formulation"*** Nebivolol HCl and Hydrochlorthiazide combination is used as an antihypertensive combination with synergistic effect on blood pressure regulation. Simultaneous estimation of both the drugs were performed by UV visible spectroscopy and HPLC method. Different simultaneous methods were been employed for analysis of both the drugs in combination. **Ph.D.** ***"Simultaneous Method development and Stability indicating studies of Anticonvulsants"*** A simple reversed phase high performance liquid chromatographic (RP-HPLC) method was developed and validated for the simultaneous determination of Zonisamide and Lamotrigine in combined dosage form and human plasma. The separation was achieved using a Phenomenex 250 mm — 4.6 mm i.d., 5 µm particle size C18 column. Mobile phase containing a mixture of Methanol and phosphate buffer (pH 6.5) (60: 40 v/v) was pumped at a flow rate of

	1.0 mL/min. UV detection was performed at 295 nm. The method was validated for accuracy, precision, specificity, linearity and sensitivity. The developed and validated method was successfully used for quantitative analysis of combined dosage form. The chromatographic analysis time was approximately 10 min per sample with complete resolution of Zonisamide (tR = 4.64 min.) and Lamotrigine (tR = 6.88 min). Validation studies were performed according to ICH Guidelines revealed that the proposed method is specific, rapid, reliable and reproducible. The method was found to be robust proved that there was no significant difference in the accuracy and precision.
New Technologies /methods developed by you	**-----**
Scale up and Technology Transfer	**-----**
Industrial Projects Carried Out :(No.)	**01 from Vasa Pharm. Chem. Pvt. Ltd., Ahmedabad (Ongoing)**
Revenue/Royalty earned by the Organization in Indian Rupees	**-----**
No. Government funded Projects undertaken by you and their total value	**Received Minor Research grant (MRP) from GUJCOST** for **of Rs. 1,00,000/-** project entitled 'Analysis of Stabilizers used Levodopa and Carbidopa Formulations
Research Guidance :	
-Master's	**29**
-Guide for PhD	**-**
Summer/Winter/School/Conference/ Workshops attended:	**03**
Summer/Winter/School/Conference/ Workshops Conducted:	**01**
Patents taken/applied for:	**-**

Publications: No of books: *01*

1. Pharmaceutical Chemistry-IX (Medicinal Chemistry-III), 2016, ISBN-9789351635529.

Research Papers : *62*

Some of the notable papers are mentioned below:

1. Ishan Sharma, Dr. Dilip Maheshwari, Dr. Jignesh Shah., Method development and Validation for simultaneous estimation of Aliskiren and and enalapril in bulk and synthetic mixture by Reverse phase High Performance liuqid chromatography, Pharmacophore, 5(2), 239-245.
2. Mehul Jakasaniya, Dr. Jignesh Shah, Dr. Dilip Maheshwari., Simultaneous estimation of Clobetasol Propionate and Fusidic acid in cream dosage form by Reverse phase High Performance liuqid chromatography, Pharmacophore, 5(2), 231-238.
3. Pooja D. Soneji, Dr. Jignesh S. Shah and Dr. Dilip G. Maheshwari, Development And Validation Of Analytical Method For Simultaneous Estimation Of Leflunomide And Methotrexate In Synthetic Mixture By Q-Absorbance Ratio Method, International Journal of Pharmacy and Technology, 6(4), 7500-7512, 2015.

4. Jignasha M. Jadav., Dr. Jignesh S. Shah and Dr. Dilip G. Maheshwari, Analytical Method Development & Validation For Simultaneous Estimation Of Propranolol & Prazosin In Synthetic Mixture, International Journal of Pharmacy and Technology, 6(4), 7581-7597, 2015.
5. Dr. Jignesh Shah, Jignasha Panchal, Monoclonal Antibodies Present New Opportunities in Disease Diagnosis and Treatment, AJPTI, 4(19), 2017.
6. Pragati Vanavi, Dr Dilip Maheshwari, Dr Jignesh Shah, A riview article on literature review of chromatographic, spectrophotometric and other methods for quantitative estimation of terazosin hydrochloride and tolterodine tartrate in pure and combination with other drugs, EJPMR, 4(1), 192-200, 2017.
7. Ripal Suthar, Jignesh S. Shah, Review on technology Transfer as a Regulatory Aspect with Inclusion of ICH Guidelines, AJPTI, 5(23), 32-40, 2017.
8. Rimpalben Patel, Jignesh Shah, Dilip G Maheshwari, A review on chromatographic and spectrophotometric method for estimation of Aliskiren and losartan potassium in bulk and in different dosage forms, IJRPPS, 3(1), 2018, 109-118.
9. Nazneen Patel, Jignesh S Shah, Dilip Maheshwari, A review on chromatographic and spectrophotometric method for estimation of Sumatriptan and Promethazine in bulk and in different dosage forms, IJRPPS, 3(1), 2018, 144-153.
10. Binal J Parekh, Jignesh S Shah, Dilip G Maheshwari, A review on chromatographic and spectrophotometric method for estimation of Rosuvastatin calcium and Gemigliptin in synthetic mixture, IJRPPS, 3(1), 2018, 71-78.

Conferences ,Workshops and Seminars

1. Two weeks Staff Development Programme on "Patenting in Pharmaceuticals", AICTE Sponsored, 17th May to 29th May, 2010.
2. National Seminar on "Recent Advances In Pharmaceutical Chemistry" AICTE Sponsored, 24th and 25th January – 2014.
3. National Seminar on "Quality by Design: Recent Perspective on Process Development and Implementation, Gujcost Sponsored, 24th and 25th July – 2015.
4. NIPiCON 2018, International Conference, Nirma University, AICTE Sponsored, 23rd – 25th January – 2018.
5. International Conference on Pharmaceutical Regulatory Affairs: Current Scenario & 1st National Convention of Indian Society of Pharmaceutical Regulatory Affairs, Kadi Sarwa Vishwavidhyala, 8th September 2018.

Notable Achievements and activity excuted:

- **Gold Medalist, M. Pharma. Pharmaceutical Analysis, RGUHS, 2009**
- **University 2nd rank in B.Pharm. RGUHS (2006)**
- **Approved Ph.D. guide** in Pharmacy at CU shah University, Surendranagar

Grants Received/Fetched:	• **Received Minor Research grant (MRP) from GUJCOST** for **Rs. 1,00,000/-** project entitled 'Quantitative estimation

	Stabilizers used in Carbidopa Levodopa Formulations.
Consultancy and Expertise available for industries	**Analytical Method Development and Validation,** **Drug Regulatory Affairs,** **Drug Dossier Submission, DMF Preparation and Submission.**