


## Faculty Profile

<b>Name :</b>	<b>Dr. Shreeraj Shah</b> (Principal and Professor, LJIP)	
<b>Date of Birth :</b>	<b>09/01/1983</b>	
<b>Educational Qualifications:</b>		
-Ph.D. (University)	<b>Ph.D. in Pharmacy, Ganpat University (2008-2011)</b>	
-Master's (University)	<b>M.Pharm. in Pharmaceutics, S.P. University (2004-2006)</b>	
-Bachelor's(University)	<b>B.Pharm., HNGU (2000-2004)</b>	
-Any Other:	-----	
<b>Area of Specialization :</b>	<b>Pharmacy, Pharmaceutics, Pharmaceutical Technology</b>	
<b>Date of Joining (LJIP)</b>	<b>07/09/2006</b>	
<b>Present Position :</b>	<b>Principal, Professor and Head of the Dept. (HOD), Pharmaceutical Technology, L.J. Institute of Pharmacy</b>	
<b>Contact Details:</b>		
-Address :	<b>11, Niharika Bunglows, opp. Himmatlal Park, Ambawadi, Ahmedabad-380 015, Gujarat, India</b>	
-Email	<a href="mailto:shreeraj.shah@ljinstitutes.edu.in">shreeraj.shah@ljinstitutes.edu.in</a> , <a href="mailto:shreerajlqip@gmail.com">shreerajlqip@gmail.com</a> ,	
-Phone	<b>(R) 079-26740266 (M) 9879049169</b>	
<b>Work Experience :</b>	Teaching ( <b>14 years</b> ) Industrial(--), Research & Development(--)	
<b>Subjects taught :</b>		
-Under Graduate level	<b>Physical Pharmacy (2<sup>nd</sup> and 3<sup>rd</sup> sem.), Dispensing Pharmacy (4<sup>th</sup> sem.), Pharmaceutical Technology-I (7<sup>th</sup> Sem.) &amp; Pharmaceutical Technology-II (8<sup>th</sup> sem.), Dosage form design (7<sup>th</sup> and 8<sup>th</sup> sem.)</b>	
-Post Graduate level	<b>PFD (1<sup>st</sup> sem.), IP (1<sup>st</sup> sem.), NDDS-I (2<sup>nd</sup> sem.), NDDS-II (3<sup>rd</sup> sem.) ITD (3<sup>rd</sup> sem.), Dissertation (4<sup>th</sup> sem.)</b>	
Area of Specialization in your field	<b>Novel drug delivery system – Gastroretentive dosage forms &amp; liquid dosage forms</b>	
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><b><i>“Preparation, Optimization and Characterization of Multiple Emulsion taking Isoniazid as model drug”</i></b></p> <p>Isoniazid is used in prolonged therapy. So it is advisable that it may be formulated in the form of Controlled Drug Delivery Systems. Multiple emulsions have been reported to be used for prolonged release of certain drugs. The anti-tubercular drug Isoniazid is used in Tuberculosis disease for chronic therapy. So this drug can be incorporated in to multiple emulsions for prolonged release. Being liquid dosage form patient compliance will be more especially in pediatric and geriatric patients. For preparation of multiple emulsions, liquid paraffin and Isopropyl myristate were used as the oils Span-80, Span-83 were used as the primary emulsifiers and Tween-80 was used as a secondary emulsifier. Polyvinyl pyrrolidone was used as a stabilizer for multiple emulsions. Preliminary batches were taken for both oils using different proportions of primary and secondary emulsifier and finally a working formula was decided containing PVP as a stabilizer to produce stable multiple emulsions. A 3<sup>2</sup> factorial design was applied to formulate multiple emulsions using each oil in combination with different primary emulsifier and secondary emulsifier. Accordingly nine batches of each formulation were prepared and they were evaluated for average globule size,</p>	

Viscosity (rheological evaluation), % drug entrapment, % drug release and morphological characteristics (Photomicrography). The data for % drug release at the end of 6 hours at different combinations of primary and secondary emulsifier were subjected to multiple regression analysis to derive polynomial equations describing the effect of each factor on % drug release. Isopropyl myristate batches show better long term stability compared to liquid paraffin batches while controlled release effect is better seen in liquid paraffin batches than Isopropyl myristate batches

**Ph.D.**

***“Formulation Development and Evaluation of Gastroretentive formulations for treatment of Helicobacter Pylori infections”***

Helicobacter pylori bacteria are the causative agents of gastric ulcers. It is also a carcinogenic organism. Certain conventional dosage forms fail to eradicate the bacteria from the stomach so a novel drug delivery system is the need of the hour for proper elimination of these bacteria locally as well as systemically. Now it is well established that the Gastro retentive systems like Floating drug delivery and Mucoadhesive systems can be the remedy and the substitute for the conventional dosage forms, which will have more rationality with excellent efficacy towards the eradication of H.pylori infections. The focus of the research work to formulate and evaluate the newer Gastro retentive dosage forms of various approaches containing latest polymers and to find out optimized formulation for each approach with the help of optimization techniques. Certain newer drugs like Gatifloxacin and Levofloxacin are locally targeted at the site of H.pylori residence where they act locally, since the local route is more efficacious than systemic route. It was necessary to design drug delivery system, which could not only curtail and alleviate the shortcoming of the conventional delivery vehicle, but also place the antimicrobial to the infected cell lines. It is expected that if local delivery of antimicrobial agents from the gastric lumen into the mucus layer can be achieved then H.pylori eradication rate can be increased. The contact time of antimicrobial agents with the organism needs to be sufficiently long. Better stability and longer residence time will allow more of the antibiotic to penetrate through the gastric mucus layer to act on H.pylori. It can be expected that local delivery of narrow spectrum antibiotics (such as Gatifloxacin and Levofloxacin) through a gastroretentive drug delivery system or site specific drug delivery system may result in complete removal of the organism in the fundal area of the gastric mucosa due to bactericidal drug levels being reached in this area, and might lead to better treatment of peptic ulcer disease. Various approaches were use such as low density approach (gelucire) including floating approach, Mucoadhesive approach with PEO with combination of carbopol and HPMC K100M. Finally to address “All or none phenomenon” multiparticulate gastroretentive dosage forms (floating microspheres) were also prepared.

<b>New Technologies /methods developed by you</b>	-----
<b>Scale up and Technology Transfer</b>	-----
<b>Industrial Projects Carried Out :( No.)</b>	<b>02 from Vasa Pharm. Chem. Pvt. Ltd., Ahmedabad</b>
<b>Revenue/Royalty earned by the Organization in Indian Rupees</b>	-----
<b>No. Government funded Projects</b>	<b>Received Minor Research grant (MRP) from GUJCOST for</b>

<b>undertaken by you and their total value</b>	<b>of Rs. 1,95,000/-</b> project entitled 'Formulation Development of novel single Solid oral dosage form for the treatment of type 2 Diabetes and preceding disorders' for 2014-15
<b>Research Guidance :</b>	
-Master's	<b>31</b>
-Guide for PhD	<b>06 (allotted by the Gujarat Technological University)</b>
<b>Summer/Winter/School/Conference/ Workshops attended:</b>	<b>16</b>
<b>Summer/Winter/School/Conference/ Workshops Conducted:</b>	<b>03</b>
<b>Patents taken/applied for:</b>	<b>01</b> (Published) <i>4578/MUM/2015: 'Self Micro Emulsifying Drug Delivery System for combination therapy of Paracetamol (PCM) and Vitamin E'(2015)</i>  <b>01</b> (filed with complete specification) <i>'Blood Group Identification Development System (BIDS)'</i> (2019)

**Publications: No of books: 03 (all international)**

1. Formulation and Evaluation of Gastro retentive Drug Delivery System: Formulation Development and Evaluation of Gastro retentive Formulations for Treatment of H. Pylori Infection (Publisher: LAP LAMBERT Academic Publishing. U.S., U.K. And GERMANY, ISBN: 3845442093, PAGES: 268)  
**2011**  
[http://www.amazon.com/Formulation-Evaluation-Gastroretentive-Delivery-System/dp/3845442093/ref=sr\\_1\\_4?ie=UTF8&qid=1360690301&sr=8-4&keywords=shreeraj+shah](http://www.amazon.com/Formulation-Evaluation-Gastroretentive-Delivery-System/dp/3845442093/ref=sr_1_4?ie=UTF8&qid=1360690301&sr=8-4&keywords=shreeraj+shah)
2. Design and Evaluation of Colon Specific Drug Delivery System (as co-author- Publisher: LAP LAMBERT Academic Publishing, U.S .• U.K. and GERMANY, ISBN: 3844394826, PAGES: 288)  
**2011** 288,  
[http://www.amazon.com/Design-Evaluation-Specific-Delivery-System/dp/3844394826/ref=sr\\_1\\_6?ie=UTF8&qid=1360690301&sr=8-6&keywords=shreeraj+shah](http://www.amazon.com/Design-Evaluation-Specific-Delivery-System/dp/3844394826/ref=sr_1_6?ie=UTF8&qid=1360690301&sr=8-6&keywords=shreeraj+shah)
3. Multiple Emulsion: A Novel Drug Delivery System:  
Preparation, Optimization and Characterization of Multiple Emulsions as Drug Delivery Systems (Published LAP LAMBERT Academic Publishing. U.S., U.K. And GERMANY, ISBN: 3659355984, PAGES: 104)  
**2013**  
[http://www.amazon.com/Multiple-Emulsion-Preparation-Optimization-Characterization/dp/3659355984/ref=pd\\_rhf\\_se\\_p\\_t\\_1\\_ORMX](http://www.amazon.com/Multiple-Emulsion-Preparation-Optimization-Characterization/dp/3659355984/ref=pd_rhf_se_p_t_1_ORMX)

**Research Papers : 54 (27 in International Journals- Science Direct-07, Elsevier- 02, Springer-01, Pubmed- 07, 27 in National journals)**

**Some of the notable papers are mentioned below:**

1. **Asian Journal of Pharmaceutical Research and Development** 2019  
Liposomal Formulations In Cancer Therapy: Passive Versus Active Targeting  
<http://www.ajprd.com/index.php/journal/article/view/489>
2. **International Journal of Current Advanced Research** 2018  
Formulation and evaluation of colon targeted drug delivery of exenatide  
<https://www.journalijcar.org/issues/formulation-and-evaluation-colon-targeted-drug-delivery-exenatide>
3. **International Journal of Current Advanced Research**  
Formulation Development And Evaluation Of Loteprednol Etabonate And Tobramycin Loaded Ocular

- In-Situ Gel  
<https://journalijcar.org/sites/default/files/issue-files/6162-A-2018.pdf>
4. **International Journal of Recent Scientific Research** 2017  
Development and validation of UV spectrophotometric method for the determination of Metformin Hcl, Rosuvastatin calcium and Telmisartan in bulk drug  
<http://recentscientific.com/development-and-validation-uv-spectrophotometric-method-determination-metformin-hcl-rosuvastatin-cal>
  5. **World Journal of Pharmaceutical Research** 2017  
Formulation And Evaluation Of Stomach Specific Drug Delivery System For Cefpodoxime Proxetil  
[https://www.researchgate.net/publication/316453388\\_FORMULATION\\_AND\\_EVALUATION\\_OF\\_STOMACH\\_SPECIFIC\\_DRUG\\_DELIVERY\\_SYSTEM\\_FOR\\_CEFPODOXIME\\_PROXETIL](https://www.researchgate.net/publication/316453388_FORMULATION_AND_EVALUATION_OF_STOMACH_SPECIFIC_DRUG_DELIVERY_SYSTEM_FOR_CEFPODOXIME_PROXETIL)
  6. **World Journal Of Pharmacy And Pharmaceutical Sciences (International Journal)** 2015  
An Overview On Bilayered Tablet Technology  
[https://www.wjpps.com/Wjpps\\_controller/abstract\\_id/2862](https://www.wjpps.com/Wjpps_controller/abstract_id/2862)
  7. **Journal of Pharmaceutical Science and Bio-scientific Research** 2015  
A Review On: SeDeM Expert System in Formulation Development of Pharmaceutical Forms  
[http://www.jpsbr.org/volume\\_5/JPSBR\\_Vol\\_5\\_Issue\\_4.htm](http://www.jpsbr.org/volume_5/JPSBR_Vol_5_Issue_4.htm)
  8. **Drug Delivery and Translational Research (Springer and Pubmed-International Journal)**  
Formulation development, optimization, and evaluation of sustained release tablet of Valacyclovir hydrochloride by combined approach of floating and swelling for better gastric retention  
<https://link.springer.com/article/10.1007/s13346-014-0207-x> 2014
  9. **Research Journal of Pharmaceutical, Biological and Chemical Sciences**  
Formulation and Evaluation of Once Daily Sustained Release Tablet of Eprosartan Mesylate Involving Dissolution Enhancement Approach. 2014  
[https://www.researchgate.net/publication/287267532\\_Formulation\\_and\\_evaluation\\_of\\_once\\_daily\\_sustained\\_release\\_tablet\\_of\\_eprosartan\\_mesylate\\_involving\\_dissolution\\_enhancement\\_approach](https://www.researchgate.net/publication/287267532_Formulation_and_evaluation_of_once_daily_sustained_release_tablet_of_eprosartan_mesylate_involving_dissolution_enhancement_approach)
  10. **Journal of Pharmaceutical Science and Bioscientific Research**  
Development of Stable Formulation and Evaluation of Combination of Amoxicillin and Clavulanic Acid 2013  
<https://www.semanticscholar.org/paper/Development-of-Stable-Formulation-and-Evaluation-of-Valera-Upadhyay/fc00ad42a000bb35fca83e95c9e2d9b1c08f419a>
  11. **Der Pharmacia Sinica (International Journal)**  
Formulation and evaluation of once a day bilayer floating tablet of antihypertensive drug involving dissolution enhancement approach 2013  
<https://www.imedpub.com/articles/formulation-and-evaluation-of-once-a-day-bilayer-floating-tablet-of-antihypertensive-drug-involving-dissolution-enhancement-approac.pdf>
  12. **Pharma Science Monitor** 2013  
Formulation Development And Evaluation Of Modified Release Combination Therapy For Arthritis  
<http://www.pharmasm.com/article.php?archive=8>
  13. **International Journal for Pharmaceutical Research Scholars** 2012  
Intranasal Liposomes : An Approach For Drug Delivery To Brain  
<http://www.ijprs.com/index.php?p=varchive&v=V1&i=I2>
  14. **International Journal of Pharmaceutical Sciences and Research** 2012  
Microsponges as the versatile tool for topical route: a review  
<http://www.doaj.org/doaj?func=abstract&id=1130825&recNo=6&toc=1&uiLanguage=en>

- 15. American Journal of Pharmtech Research (International Journal)** 2012  
Time Controlled Pulsatile Drug Delivery System – A Review  
<http://www.ajptr.com/archive/volume-2/june-2012-issue-3/article-186.html>
- 16. Journal of Pharmaceutical Science and Bioscientific Research** 2012  
Formulation and Optimization of Lamotrigin Fast Dissolving Tablet  
[http://www.jpsbr.org/index\\_htm\\_files/6%20JPSBR%2012067.pdf](http://www.jpsbr.org/index_htm_files/6%20JPSBR%2012067.pdf)
- 17. Asian Journal of Biomedical and Pharmaceutical Sciences (International Journal)**  
2012  
In Situ Gel: A Novel Approach of Gastroretentive Drug Delivery  
<http://www.jbiopharm.com/index.php/ajbps/article/view/48/37>
- 18. American Journal of Pharmtech Research (International Journal)** 2012  
Floating Bilayer drug delivery systems- An Unconventional approach in Conventional Form  
<http://www.ajptr.com/archive/volume-2/april-2012-issue-2/article-174.html>
- 19. Die Pharmazie (International Journal)** 2011  
Central composite design for the formulation and optimization of a multi-unit potential colonic drug delivery System of budesonide for ulcerative colitis  
<http://www.ncbi.nlm.nih.gov/pubmed/21434575>
- 20. Der Pharmacia Lettre (International Journal)** 2010  
Formulation and development of gastroretentive multi-layer coated tablets containing Gatifloxacin against H.pylori infection  
<http://scholarsresearchlibrary.com/DPL-vol2-iss4/DPL-2010-2-4-384-392.pdf>
- 21. Der Pharmacia Sinica (International Journal)** 2010  
Formulation and evaluation of effervescent floating tablet of Levofloxacin against H.pylori infection  
<http://pelagiaresearchlibrary.com/der-pharmacia-sinica/vol1-iss3/DPS-1-3-232-244.html>
- 22. Der Pharmacia Lettre (International Journal)** 2010  
Formulation and optimization of Gastric floating matrix tablets of Gatifloxacin with combination of polymers using Box-Behnken experimental design.  
<http://scholarsresearchlibrary.com/DPL-vol2-iss3/DPL-2010-2-3-21-32.pdf>
- 23. Asian Journal of Pharma. Sciences (International Journal)** 2010  
Floating Multiple Unit Lipid Granules of Gatifloxacin-Gelucire 39/01: Formulation Optimization Using Factorial Design  
[http://www.asianjps.com:8080/Jweb\\_ajps/EN/Y2010/V5/I1/35](http://www.asianjps.com:8080/Jweb_ajps/EN/Y2010/V5/I1/35)
- 24. Acta Pharmaceutica (International Journal)** 2010  
Box-Behnken experimental design in the development of pectin-compritol ATO 888 compression coated colon targeted drug delivery of mesalamine  
<http://www.ncbi.nlm.nih.gov/pubmed/20228040>
- 25. Int. J. Res. Pharm. Sci.** 2010

Design, development and in vitro evaluation of Mesalamine tablets containing Pectin and Chitosan for colon-specific drug delivery

<http://ijrps.pharmascope.org/issues/archives?task=view.download&cid=2>

**26. Research in Pharmaceutical Sciences (International Journal) 2009**

In vitro controlled release of colon targeted mesalamine from compritol ATO 888 based matrix tablets using factorial design

<http://www.ncbi.nlm.nih.gov/pubmed/21589801>

**27. Zhong Xi Yi Jie He Xue Bao (Chinese Journal Of Integrative Medicine-(International Journal) 2009**

Gastroretentive floating drug delivery systems with potential herbal drugs for Helicobacter pylori eradication: a review

<http://www.ncbi.nlm.nih.gov/pubmed/19828110>

**28. International Journal of PharmTech Research 2009**

Stomach specific floating drug delivery system: a review

[http://www.sphinxesai.com/PTVOL3/PT=38,%20S.H.%20%20SHAH%20\(623-633\).pdf](http://www.sphinxesai.com/PTVOL3/PT=38,%20S.H.%20%20SHAH%20(623-633).pdf)

**29. Asian Journal of Pharma. Sciences (International Journal) 2009**

An overview of a gastro-retentive floating drug delivery system

[http://www.asianjps.com:8080/Jweb\\_ajps/EN/Y2009/V4/I1/65](http://www.asianjps.com:8080/Jweb_ajps/EN/Y2009/V4/I1/65)

**30. Journal of Pharmacy Research 2009**

Formulation and in-Vitro evaluation of mesalamine matrix tablets using chitosan for colonic drug delivery

<http://jpronline.info/index.php/jpr/article/view/53/45>

**31. In Pharma Communiqué 2009**

In-vitro Evaluation of Tamarind Gums as Compression Coatings for Drug Targeting to the Colon

**32. Journal of Pharmacy Research 2009**

Brain Targeting: A Novel Drug Delivery System

<http://jpronline.info/index.php/jpr/article/view/291/251>

**33. Pharmaceutical Reviews 2009**

An Overview on Brain Targeting Drug Delivery System

<http://www.pharmainfo.net/reviews/overview-brain-targeting-drug-delivery-system>

**34. Pharmaceutical Reviews 2008**

Transdermal Drug Delivery Technology Revisited: Recent Advances

<http://www.pharmainfo.net/reviews/transdermal-drug-delivery-technology-revisited-recent-advances>

**35. Pharmaceutical Reviews 2008**

Nanotechnology - A Review on Revolution In Cancer Treatment

<http://www.pharmainfo.net/reviews/nanotechnology-review-revolution-cancer-treatment>

**36. Journal of Pharmacy Research 2008**



<http://jpronline.info/index.php/jpr/article/view/184/156>

**37. Journal of Pharmacy Research**

2008

Novel Pharmaceutical Approaches For Colon Specific Drug Delivery: An Overview

<http://jpronline.info/index.php/jpr/article/view/67/54>

**Conferences ,Workshops and Seminars**

1. **Poster presented** in national conference entitled” Development and Validation of UV Spectrophotometric Method for the determination of Metformin HCl, Rosuvastatin Calcium and Telmisartan in bulk drug” at 69<sup>th</sup> IPC, Varanasi, 2017
2. **Poster Presentation Accepted** for presentation entitled” Formulation, Evaluation and Optimization of Floating Oral In-situ Gelling System to treat gastric ulcers caused by H. Pylori infection” with abstract id 10203 in at the **41<sup>st</sup> Annual Meeting & Exposition of the Controlled Release Society, July 13 – 16, in the Hilton Chicago in Chicago, Illinois, USA, 2014**
3. Attended the 28<sup>th</sup> Annual Conference of Indian Pharmacy Graduates’ Association (IPGA) on “Pharmaceutical issues and challenges of new decades” on 23<sup>rd</sup> Feb.,2013 as delegate at Hotel Grand Cambay, Ahmedabad, 2013
4. Attended National Symposium on Innovations in Pharmaceutical Sciences (NSIPS-2013) on “Innovative insights on the Pharmaceutical Industry” as delegate, held on 16<sup>th</sup> Feb.,2013 at AMA, Ahmedabad, 2013
5. Attended “APOCALYPSE-2012” at KBIPER, Gandhinagar as Judge of “MASTERMIND-2012”
6. **Abstract entitled: “Implementation of E-Prescribing in India- Beneficial or Detrimental” accepted for oral presentation in the International Conference on “The future vision and challenges in Hospital Pharmacy”, Bangkok, Thailand, 2012**
7. Attended the National Conference on "Innovations In Pharmaceutical Industry' on 28<sup>th</sup>-29<sup>th</sup> Jan, 2012 as judge in the pharmaceutical technology section of scientific poster presentation as well as the member of Organizing committee at LJ Campus, 2012
8. Attended a workshop on Entrepreneurship organized by iCreate on 26<sup>th</sup>-27<sup>th</sup> Jan, 2012 at LJ Campus.
9. Attended the two day workshop on ‘Patenting in Pharmaceuticals” organized by Gujarat Technological University on 3<sup>rd</sup> – 4<sup>th</sup> Sept, 2011
10. **Poster Presentation Accepted** for presentation entitled” Formulation and optimization of Gastric floating matrix tablets of Norfloxacin with combination of polymers using Box-Behnken experimental design” as Poster 597 in Poster Session II: Oral Controlled Release Technologies at the 37<sup>th</sup> Annual Meeting & Exposition of the **Controlled Release Society (CRS), at the Oregon Convention Center, Portland, OR, USA , 2010**
11. Poster presented in national conference entitled” Formulation and Optimization of “Floating Multiple Unit Lipid Granules against H.pylori Infection” at 61<sup>st</sup> IPC, Ahmedabad, 2009
12. Attended the one day seminar on “Intellectual Property Rights: Oppurtunities and Challenges” at Anand Sept, 2009
13. Attended the national seminar on “Frontiers in Nanotechnology: A Pharmaceutical Perspective” as delegate at Nirma University, Ahmedabad on 20<sup>th</sup> March,2009
14. Attended Faculty Development Program (FDP) organized by ICFAI University at Ahmedabad, 2008
15. Poster presented in national conference entitled” Formulation, Characterization and Optimization of Multiple emulsion containing Isoniazid for Pediatric Tuberculosis (T.B.) disease” at 59<sup>th</sup> IPC, Varanasi, 2007
16. Attended the Symposium on “Scientific writing: Skills and Ethics” organized by Shri B. M. Shah College of Pharmaceutical education and research, Modasa, Gujarat. 2007
17. Attended the INDO-US/EU seminar organized by IPA-Industrial Pharmacy Division as delegate at Ahmedabad on 28<sup>th</sup> March. 2007

**Notable Achievements and activity excuted:**

- **Nominated as Independent Director and partner** of the start-up company named: *Remedios De Hierbas Herbalive Ayurvedic Healthcare LLP*. The company has trademarked brand '**HerbALivE**'
- **Nominated one of the Resource persons by IDMA and FICCI for academia for Gujarat for 5<sup>th</sup> International conference and exhibition of Pharmaceuticals and medical devices-2020**
- **Has touched 570 citation index at Google Scholar (as on 27-05-2020)**  
<http://scholar.google.co.in/citations?user=MIZ0rbAAAAAJ&hl=en>
- **Editor** of Journal of Pharmaceutical Science and Bioscientific Research
- **Approved Ph.D. guide** in Pharmacy at GTU, Ahmedabad
- **Approved Ph.D. guide** in Pharmacy at CU shah University, Surendranagar
- **Approved Ph.D. guide** in Pharmacy at JJTU, Rajasthan
- **Passed GATE examination (IIT, Delhi) with 94.84 percentile** in 2004 and **got JRF of Rs. 8,000/-** per month from AICTE for consecutive 2 years.
- **Stood First in the Quiz competition** during academic year 2003-2004 at BMCPEP, Modasa
- **Got 2<sup>nd</sup> rank in M.Pharm. (Pharmaceutics) in S.P. University (2005)**
- **Working as the Chief coordinator of AICTE approval process committee for LJ group of institutes** comprising 7 technical colleges including Engineering institute, Polytechnic, MBA, Architecture, MAM and MCA since 2010
- **Convener, GUJCOST sponsored National seminar** on "Quality by Design: Recent Perspective on Process Development and Implementation" on 24th & 25th July' 2015
- **Member, Accreditation committee, LJK**
- **PRO, L. J. Institute of Pharmacy (Under ACBC, LJK)**
- **Associate editor of "Renaissance"- Annual Newsletter of LJIP**
- **Judge of "MASTERMIND-2012" at "APOCALYPSE-2012" at KBIPER, Gandhinagar**
- **Judge in the scientific poster presentation** in the National Conference on 'Innovations In Pharmaceutical Industry' on 28th-29th Jan, 2012 organized by PharmaNext and L.J. Institute of Pharmacy
- **Worked as Co-ordinator, 5<sup>th</sup> Semester (from July, 2013 to June, 2015) LJIP**
- **Head of Literature committee in the Interzonal Youth Festival** organized by GTU and hosted by L.J. Group of Institutes in 2012
- **Member, Literature committee in the Zonal and Interzonal Youth Festival** organized by GTU and hosted by L.J. Group of Institutes in 2011

<b>Association with Professional Bodies</b>	<ul style="list-style-type: none"> <li>• <b>The Association of Pharmaceutical Teachers of India (APTI) GU/LM-194 (Life Member)</b></li> <li>• <b>The Indian Pharmaceutical Association (IPA) - GUJ/AHM/LM/0375 (Life member)</b></li> <li>• <b>He is the scientific member in the animal ethics committee of Rose labs, Ahmedabad, India</b></li> </ul>
<b>Grants Received/Fetched:</b>	<ul style="list-style-type: none"> <li>• <b>Received travelling grant from WHO of Rs. 35,000/-</b> as Development fund for attending the international conference on "The future vision &amp; challenges in Hospital Pharmacy" organized by Pharmanext in association with WHO, FIP, SEARPharm, HosPAN and IHPA in Bangkok (Thailand)</li> <li>• <b>Received Minor Research grant (MRP) from GUJCOST for Rs. 1,95,000/-</b> project entitled 'Formulation Development of no single Solid oral dosage form for the treatment of type 2 Diabetes and preceding disorders' for 2014-15</li> </ul>
<b>Consultancy and Expertise available for industries</b>	<b>Novel drug delivery system – Gastroretentive dosage forms &amp; Liquid dosage form especially Syrup, suspension &amp; Emulsion including multiple and micro emulsion.</b>