


## Faculty Profile

<b>Name :</b>	<b>Ms. Rudree Pathak</b>	
<b>Date of Birth :</b>	<b>03/01/1989</b>	
<b>Educational Qualifications:</b>		
-Ph.D. (University)	-----	
-Master's (University)	<b>M. S. Pharm. in Pharmaceutics, NIPER Ahmedabad</b>	
-Bachelor's(University)	<b>B. Pharm., LMCP, Gujarat University</b>	
-Any Other:	-----	
<b>Area of Specialization :</b>	<b>Pharmacy, Pharmaceutics, Pharm</b>	
<b>Date of Joining (LJIP)</b>	<b>06/07/2012</b>	
<b>Present Position :</b>	<b>Assistant Professor, Pharmaceutical Technology, L.J. Institute of Pharmacy, Ahmedabad</b>	
<b>Contact Details:</b>		
-Address :	<b>70, Shashtrinagar tenaments, Opp. Anand Baug Society, Ghatlodia, Ahmedabad-380061, Gujarat, India</b>	
-Email	<b>rudreep@gmail.com, rudree.pathak@ljinstitutes.edu.in</b>	
-Phone	<b>(R) 079-26731106      (M) 9428245057</b>	
<b>Work Experience :</b>	Teaching (8 years) Industrial(-- ) Research& Development(--)	
<b>Subjects taught :</b>		
-Under Graduate level	<b>Unit operations I &amp; II (1<sup>st</sup> and 2<sup>nd</sup> Sem.), Pharmaceutics-I (1<sup>st</sup> Sem.), Physical Pharmacy (2<sup>nd</sup> and 3<sup>rd</sup> sem.), Pharmaceutical Engineering (3<sup>rd</sup> Sem.), Dispensing Pharmacy (4<sup>th</sup> sem.), Pharmaceutical Microbiology and Biotechnology (5<sup>th</sup> and 6<sup>th</sup> Sem.) Industrial Pharmacy (6<sup>th</sup> Sem.), Hospital Pharmacy and Community Pharmacy (5<sup>th</sup> Sem.), Pharmaceutical Technology-II (7<sup>th</sup> and 8<sup>th</sup> sem.) and Forensic Pharmacy (6<sup>th</sup> Sem.)</b>	
-Post Graduate level	<b>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 – Nasal to brain drug delivery systems</b>	
A brief account of work done by you in the M. Pharm. and Ph.D.	<p style="text-align: center;"><b>M.S.Pharm:</b></p> <p><b>Title:</b> Development and evaluation of an in situ gelling mucoadhesive system for brain delivery of a model P-glycoprotein substrate via nasal route</p> <p><b>Under the guidance of:</b> Dr. Manju Misra and Dr. Manish Nivsarkar</p> <p><b>Abstract:</b> Efflux pumps like P-glycoprotein, present in blood brain barrier limits the entry of drugs into brain, thereby reduces drug concentration in brain. The present approach aims to develop a suitable formulation to be administered by an alternative route (nasal), thereby trying to overcome P-glycoprotein mediated efflux. Nasal route will provide added benefit of improving the bioavailability, over oral route. Amalgamation of in situ gelling and mucoadhesive formulation approach with intranasal delivery will provide the ease of administration and enhanced residence time.</p>	
<b>New Technologies /methods developed by you</b>	-----	

<b>Scale up and Technology Transfer</b>	-----
<b>Industrial Projects Carried Out :(</b>	-----
<b>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	<b>02</b>
-Guide for PhD	-----
<b>Summer/Winter/School/Conference/ Workshops attended:</b>	<b>09</b>
<b>Summer/Winter/School/Conference/ Workshops Conducted:</b>	-----
<b>Patents taken/applied for:</b>	-----
<b>Publications: Research Papers : <u>03</u> (01 in International journal (Elsevier), 02 in National journal)</b>	
<b>Notable Achievements and activity experience:</b>	
<ul style="list-style-type: none"> <li>• <b>Has touched 54 citation index in Google scholar, as on 29/05/2020.</b></li> <li>• <b>Gold Medalist of NIPER Ahmedabad, Batch 2010-12.</b></li> <li>• <b>Qualified NIPER JEE 2010 with All India Rank 63.</b></li> <li>• <b>Qualified GPAT 2010 with All India Rank 830.</b></li> <li>• <b>Successfully completed distance learning course of WIPO (DL-101) Geneva, Switzerland, in 2010.</b></li> <li>• <b>Fourth rank in Gujarat University in Second Year B.Pharm.</b></li> <li>• <b>Achieved 1st position in Nano-Technology Based Model entitled as “Nanodisk: Redefining Drug Delivery Targetting” presented at Myriad-The cluster of events held at Gujarat Forensic Science University on November 2011, Gandhinagar, Gujarat.</b></li> <li>• <b>Assisted in drafting provisional patents for LJIP in 2013-14</b></li> <li>• <b>Worked as a part of Women Entrepreneurship Development Programme (WEDP), hosted by Antrapreneur –The Business incubator, in 2015 at LJK.</b></li> <li>• <b>Participated in Drug Delivery to the Lungs Conference (DDL2018) organized by The Aerosol Society (UK), held at Edinburgh, Scotland (UK) during December 12-14, 2018 and 11-13, 2019.</b></li> <li>• <b>Working as a head of Internal Examination Committee.</b></li> <li>• <b>Editorial member of “Renaissance”- Annual Newsletter of LJIP.</b></li> </ul>	
<b>Association with Professional Bodies</b>	-----
<b>Grants Received/Fetched:</b>	-----
<b>Consultancy and Expertise available for industries</b>	<b>Novel drug delivery systems, microemulsions, Mucoadhesive Systems, nasal to brain drug delivery, Bioanalytical method development.</b>