

Faculty Profile



Name :	MS. KRUTI PATEL
Date Of Birth :	30th January 1988
Educational Qualifications:	M. Pharm
-Ph.D. (University)	---
-Master's (University)	M. Pharm in Pharmaceutical Technology, GTU
-Bachelor's(University)	B.Pharm, Gujarat University
-Any Other:	---
Area Of Specialization :	Pharmaceutical Technology
Date of Joining (LJIP)	02/01/2012
Present Position :	Assistant Professor
Contact Details:	
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Work Experience :	Teaching (8 years) Industrial(--) Research & Development(--)
Subjects taught :	
-Under Graduate level	Unit operation, Pharmaceutical Microbiology and Biotechnology-I & II, Physical Pharmacy, Forensic Pharmacy, Hospital & Community Pharmacy, Pharmaceutical Technology- I & II, Dosage Form Design-I & II.
-Post Graduate level	Global Regulatory Requirements, Industrial Pharmacy, NDDS-I & NDDS-II
Area of specialization in your field	Pharmaceutical Technology
A brief account of work done by you in the M. Pharm. and Ph.D.	<p>Formulation and development of oral taste masked reconstituted dry suspension of Ornidazole and Ofloxacin.</p> <p>The above research facilitates a more palatable form of antibiotic particularly for a paediatric segment with enhanced stability profile. Ornidazole is Nitroimidazole antimicrobial agent. It possesses broad-spectrum activity against many anaerobic gram positive and gram-negative organisms. It shows particular activity against the Bacterial vaginosis, trichomoniasis. It is a highly bitter drug and useful in reconstructive urological surgery to prevent infection. Ofloxacin is a Flouroquinolone antimicrobial agent. It possesses broad-spectrum activity against many anaerobic gram positive and gram-negative organisms. It is also a bitter drug. The taste masking of both the drugs was achieved by different technologies. The taste masking of Ornidazole was achieved by microencapsulation technique using Cellulose acetate phthalate and Ethyl cellulose by changing drug polymer ratios. Another drug Ofloxacin was taste masked using complexation with ion exchange resins.</p>

New Technologies /methods developed by you	Taste masking method for Ornidazole and Ofloxacin
Scale up and Technology Transfer	_____
Industrial Projects Carried Out :(No.)	_____
Revenue/Royalty earned by the Organization in Indian Rupees	_____
No. Government funded Projects undertaken by you and their total value	_____
Research Guidance :	
-Master's	03
-Guide for PhD	_____
Summer/Winter/School/Conference /Workshops attended:	07
Summer/Winter/School/Conference /Workshops Conducted:	_____
Patents taken/applied for:	_____
Publications:	
(a)No of books:	_____
(b)Research Papers :	_____
Notable Achievements/Awards:	_____
Association with Professional Bodies	_____
Grants Received/Fetched:	_____
Consultancy and Expertise available for industries	_____