


## Research Fellow

<b>Name</b>	<b>Ms. Janki Goswami</b>	
<b>Email</b>	jankigoswami5@gmail.com	
<b>Qualification</b>	M. Pharm. (Pharmaceutical Quality Assurance)	
<b>PCI Registration No.</b>	G69471	
<b>Research Topic</b>	Targeted Metabolomic Analysis of Patients with Uterine Fibroids using LC-MS/MS	
<b>Guide Name</b>	Dr. Kashyap Thummar	

<b>Profile</b>	<ul style="list-style-type: none"> <li>Currently working as a Research Scholar (PhD Scholar) at Gujarat Technological University School of Pharmacy.</li> <li>Worked as an Assistant Professor at RK University- Rajkot.</li> <li>Completed M. Pharm. in PQA from Graduate School of Pharmacy- GTU and B. Pharm. from B. K. Mody Government Pharmacy College- Rajkot.</li> </ul>
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<b>Teaching / Lab Details</b>	<ul style="list-style-type: none"> <li>Co-ordinator of Computer Application in Pharmacy Subject (BP204TP) along with a lab and a lecture.</li> <li>Co-ordinator of Pharmaceutical Analysis Subject (BP102TP) along with a lab and a lecture.</li> </ul>
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<b>Training / Workshop / Seminar Details</b>	<p><b>Workshops</b></p> <ul style="list-style-type: none"> <li>Intellectual Properties for New India</li> <li>Advance Chromatographic Solutions</li> <li>The Data Scientists Toolbox</li> <li>Statistical Applications of R software</li> <li>Certificate Course on Sophisticated Analytical Instrument Handling</li> <li>High End Workshop at NIPER-A</li> <li>Workshop on Metabolomics at NIPER-A</li> <li>Good Clinical Practice Certificate Course</li> </ul> <p><b>Publications</b></p> <ul style="list-style-type: none"> <li>A Novel and Robust Stability Indicating RP-HPLC-DAD Method for Simultaneous Estimation of Montelukast and Acebrophylline Containing Theophylline-7-Acetic Acid and Ambroxol Base in Its Marketed Tablet Dosage Form</li> <li>Goswami J. <i>Mitigating the Risk of Nitrosamine Impurities in Drug Substances and Product: Analytical Approaches and Regulatory Guidelines</i>. Multidisciplinary International Research Journal of Gujarat Technological University. 2023;5(2):17-28.</li> <li>Mr. Jay Bhavsar, Ms. Janki Goswami, Dr. Tejas Patel, Dr. Sanjay Chauhan, "<b>Revolutionizing Sinusitis Relief: Microemulsion-Based Nasal Spray - Formulation, Evaluation, and Optimization</b>", International Journal of Creative Research</li> </ul>
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Thoughts (IJCRT), ISSN:2320-2882, Volume.11, Issue 9, pp.a414-a419, September 2023, Available at [:http://www.ijcrt.org/papers/IJCRT2309050.pdf](http://www.ijcrt.org/papers/IJCRT2309050.pdf)

- DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR SIMULTANEOUS DETERMINATION OF DEXTROMETHORPHAN HBR AND TRIPROLIDINE, S Soni, K Thummar, J Goswami, F Ravat – 2023
- Ravat, F., Prajapati, D., Goswami, J. *et al.* Phytochemical analysis, isolation and quantitative estimation of karanjin in the stem bark of *Millettia pinnata* by a validated high-performance thin-layer chromatography method. *JPC-J Planar Chromat* **37**, 11–20 (2024). <https://doi.org/10.1007/s00764-023-00270-z>
- Dudhat, K., Goswami, J. & Patel, D.H. Validated UV-Spectrophotometric Method for Pirfenidone Estimation in Bulk Drug, Marketed Tablet, and Nanoparticle Formulation. *Pharm Chem J* (2024). <https://doi.org/10.1007/s11094-024-03196-w>
- Dhorajiya S, Goswami J, Dudhatra B, Thummar K. Novel method for monitoring of carcinogenic impurity of N-nitrosamine in nizatidine pharmaceutical products using ultra high-pressure liquid chromatography triple quadrupole mass spectrometry. *Rapid Commun Mass Spectrom.* 2024; 38(19):e9884. doi:[10.1002/rcm.9884](https://doi.org/10.1002/rcm.9884)

#### Poster presentations

- Presented a Poster in international conference organized by Nirma University on Exploring bile acid metabolomics in women with uterine fibroids. (Feb'24).
- Presented a Poster in national conference organized by Parul University on Metabolomics Insights into Uterine Fibroids: Profiling Bile Acid Dynamics Using Advanced Analytical Technique. (April'24).
- Presented a Poster in DBT sponsored conference organized by Arihant college of Pharmacy on Metabolomics Insights into Uterine Fibroids: Profiling Bile Acid Dynamics Using Advanced Analytical Technique and secured *First Rank*. (May'24).

#### Grants

- Received around Rs. 65,00,000/- grant from GSBTM (Gujarat State Biotechnology Mission) for the PhD research work along with extended study.
- Received Rs 25,000/- grant from GTU Seed Money Scheme for Research Work.

**GUJARAT TECHNOLOGICAL UNIVERSITY**

**SCHOOL OF PHARMACY**