


Faculty Profile

Name :	Ms. Navdha N. Soni, Assistant Professor, LJIP)	
Date of Birth :	29/9/1995	
Educational Qualifications:		
-Master's (University)	M.Pharm. in Quality Assurance and Pharm Regulatory Affairs, GTU (2016-2018)	
-Bachelor's(University)	B.Pharm., GTU (2012-2016)	
-Any Other:	-----	
Area of Specialization :	Pharmacy, Quality Assurance, Regulatory Affairs	
Date of Joining (LJIP)	18/6/2018	
Present Position :	Assistant Professor in the Department of Quality Assurance, L.J. Institute of Pharmacy	
Contact Details:		
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Work Experience :	Teaching (2 years) Industrial(--)) Research & Development(--))	
Subjects taught :		
-Under Graduate level	Pharmaceutical Analysis (1st sem.), Organic Chemistry (2nd Sem.), Biochemistry (3rd sem.), Medicinal Chemistry & Pharmacology (4th sem.), Medicinal chemistry (6th sem.)	
-Post Graduate level	Good Regulatory Affairs (1st Sem.)	
Area of Specialization in your field	Preparation of Document like NDA, ANDA, CTD modules etc.	
A brief account of work done by you in the M. Pharm.	<p>M.Pharm:</p> <p>“A comprehensive and comparative study of regulatory requirements on medical and pharmaceutical gases in US, Europe and India”</p> <p>Gases has widened requisition in the various stakes of healthcare. Medical gases: Are manufactured, packaged, and intended for administration to a patient in anesthesia, therapy and they are usually given to the preoperative, intraoperative and post operated patients and to the patients in case of emergency. (Ex: therapeutic gases include Oxygen, Helium, Carbon dioxide, Nitrous oxide, Medical air and Nitrogen).</p> <p>Generally gases are administered or supplied directly to the patients, they should be monitored as required by the respective regulatory authorities of every country or via a central line which runs through the entire hospital.</p> <p>Medical gases have their unique applicability in the pharmaceuticals and they also possess their therapeutic activity hence they should be manufactured and transferred the highest quality possible as per standards and limits decided by the different regulatory authorities. For the manufacturing of the medical gases manufacturer needs to issue license (or needs to get regulatory approval) hence they justify about</p>	

maintaining quality of the gases as standard/limitation regarding quality decided by the drug regulatory authorities.

Medical gases are pharmaceutical molecules which offer solutions to a wide array of medical needs, So as a part of healthcare stakeholders ,we need to provide surety about safety of each and every stakeholder starting from the manufacturer to consumer of medical gases.(Antioxidant, Anti-inflammatory and Anti-apoptotic and in neurobiology, etc.)

Pharmaceutical gases: In Manufacturing division gases are used for cryopreservation, blanketing, pH control, pressure transfer, process chilling, purging, wastewater treatment and other such processes. like Argon (Ar), e.g. for inertisation, Carbon dioxide (CO2), for various applications, including the production of drugs in powder form, Nitrogen (N2), used, for example, in packaging under inert gas atmosphere.

In Laboratory division gases are used in Process/Quality Control and R&D for hydrogenation process, reactors, analytical instruments etc. they are need to handle under standards. We need to understand that handling of gases before using them in the process either for manufacturing or analytical testing, because handling of gases is different than handling liquids. Gases are compressible and therefore large quantities of gas fit under high pressure into confined containers. The quality of the pharmaceutical gases should be monitored by regulatory because it affects the directly quality and safety of pharmaceuticals which is prepared by the use of that gases.

New Technologies /methods developed by you	-----
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	-----
-Guide for PhD	-----
Summer/Winter/School/Conference/ Workshops attended:	03
Summer/Winter/School/Conference/ Workshops Conducted:	-----
Patents taken/applied for:	-----
<ol style="list-style-type: none"> 1. Participated in Poster Presentation at “GTU central Tech Fest 2018” held at L.M.college of Pharmacy. 2. First runner up in Poster Presentation on “The Artificial Pancrease” at “GTU Zonal Tech Fest 2018” held at L.J. Institute of Pharmacy. 3. Gujcost sponsored one day national seminar on “Optimization and Screening of Variables by DoE”. - Zundal pharmacy College, Gandhinagar. 	

4. Poster presentation on Dragon Fruit Facial gel in International conference on modern trends in pharmaceutical education and research 2017 held at Indubhai Patel College of Pharmacy and Research Centre, Dharmaj.
5. Model presentation on Non- invasive technique of early stage of cancer detection (Pharmavision 2020)– Arihant pharmacy College, Gandhinagar.
6. Model presentation on fluid mosaic model – Sigma institute, Baroda.
7. Powerpoint presentation on solid lipid nano particles in 5th sem.- Enigma elevated.
8. Gujcost & DST sponsored national seminar on nanoparticulate system.

Notable Achievements and activity excuted:

- Gold Medalist in M.Pharm (GTU) in Quality Assurance & Pharm. Regulatory Affairs branch in the year of 2018.
- Gold Medalist in B.Pharm in the year of 2016
- Bachelours in Kathak vishard from Akhil Bhartiya Gandharva Vidhyalaya. (2017)
- Learning classical music from 4 years from Akhil Bhartiya Gandharva Vidhyalaya.
- Social Media Handler Since 2018 for the LJIP.

Association with Professional Bodies	-----
Grants Received/ Fetched:	-----
Consultancy and Expertise available for industries	-----