



MANASA MOGANTI

Formulation Scientist

PROFESSIONAL SUMMARY

Experienced 'Formulation Scientist' offering understanding product development skill of oral dosage forms; floating tablet, softgel, micro and Nanoemulsions liquid orals and insitu gel development. Total of 2.8 years of pharmaceutical industrial experience for product development

CONTACT

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EDUCATION

PhD 2021 [Pharmaceutics]
KLE Academy of Higher Education and Research, Belagavi, Karnataka.

M.pharmacy 2016 [Pharmaceutics]
KLE college of pharmacy, Bengaluru, Karnataka.

B.pharmacy 2012
Gitam University, Visakhapatnam, Andhrapradesh.

AREAS OF EXPERTISE



Worked on SMEDDS (self-emulsifying drug delivery systems) based soft gels for treatment of Hyperparathyroidism.



Worked on Floating systems and raft forming gelling systems for calcium supplementation



Worked on patient friendly Ready to use solution for antimicrobial agent.



Worked on taste masking technology for paediatrics.











Worked on ideation

SKILLS


-  New product development
-  Existing product reformulation
-  R&D bench and pilot trials
-  Cross functional team collaboration
-  Hands on experience in Design expert and PLM
-  Excellent written, verbal and presentation skills
-  Microsoft Word, Excel and Powerpoint

RESPONSIBILITIES


-  Studying innovators patent portfolio and Preparation of literature survey report and product development report.
-  Patent evaluation, literature search, and preparation of formulation strategies.
-  Preparation of Prototype with strong scientific rationale & Optimization of critical parameters.
-  Planning and execution of Process Optimization studies of various dosage forms like soft gels & Liquid dosage forms in process development lab for finalizing the process/product parameters to execute the scale up batches.
-  Execution of scale-up batches and trouble shooting of problems.
-  Data generation, compilation and interpretation of results and report writing.
-  Periodic calibration of instruments (Weighing balance) and maintaining lab records.
-  Design, execute and review short term and long-term stability studies on active ingredients and drug products as per ICH guidelines

ACADEMIC PROJECTS


PhD (Pharmaceutics)

-  Formulation and evaluation of gastroretentive dosage form for calcium supplementation

M. Pharmacy (Pharmaceutics)

-  Formulation and evaluation of gastroretentive-floating multiparticulate system of lisinopril.

RESEARCH PUBLICATIONS

-  Moganti Manasa, Shivakumar H N. Formulation and evaluation of gastroretentive-floating multiparticulate system of lisinopril. Indian J Health Sci Biomed Res. 2017; 10:50-6.



Moganti Manasa, Shivakumar H N. Oral raft forming in situ gelling system for site specific delivery of calcium. Journal of drug delivery science and technology. [Impact factor-3.981]
<https://doi.org/10.1016/j.jddst.2020.102113>.



Moganti Manasa, Shivakumar H N. Formulation and optimization of gastroretentive bilayer tablets of calcium carbonate using D-optimal mixture design. [Impact factor-1.8]
<https://doi.org/10.1515/epoly-2021-0008>.

PRESENTATIONS



Participated in Workshop on Design of Experiments (DoE) & Quality by Design (QbD) in Indian statistical Institute.



Awarded best paper in oral presentation on 'Oral raft forming in situ gelling system for site specific delivery of calcium' in national conference on Food technology.



Participated in oral presentation on 'Formulation and optimization of gastroretentive bilayer tablets of calcium carbonate using D-optimal mixture design' in international conference on applied materials.

PERSONAL INFORMATION

Father's Name : M. Palla Rao
Date of Birth : April 7th, 1991
Sex : Female
Marital Status : Married
Languages Known : English, Hindi and Telugu

DECLARATION

I hereby declare that the above mentioned information is true and correct to the best of my knowledge.

Yours sincerely,

Manasa Moganti