HARIPRIYA KANDAGATLA, M. Pharm

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| WORK EXPERIENCE **Associate Director Formulation Research and Development**  **November 2016 – Present**  **Suzikem Drugs Pvt. Ltd., Hyderabad, Telangana, INDIA**   * Design and conduct pre-formulation, formulation, process development of new drug products and customize existing applications to meet specific scientific project needs * Formulation development skills including understanding of solubility, degradation mechanisms and kinetics impacting shelf life. Physicochemical properties of molecule that can impact interactions with packaging, contact parts during manufacture. * Preparation of prototype formulations (solutions, suspensions, tablets, capsules, etc.) for exploratory studies in in-vitro and in-vivo models. This includes development of oral and for pilot scale batches. * Technology transfer and manufacture of scale up batches from contract research to support drug development activities. * Evaluating/interpreting data and communicating results to management and functional teams * Prepare technical reports for regulatory submissions. * Worked on varied generic combinations intended for Human treatment as per client demand and need adhering to regulatory rules.   + Sodium Valproate and Valproic acid controlled release tablets, Microencapsulated Azithromycin for taste masking, Montelukast sodium and Levocetrizine Dihydrochloride, and Sodium Feredetate Oral solution. * Worked on different combination of Veterinary combination as per client market   + Closantal oral solution, Fenbendazole and Ivermectin suspension, Niclosamide and Ivermectin Suspension, Rafoxnamide and levamisole Suspension, and Niclosamide Dispersible Powder.   **Manufacturing Chemist**  **January 2014– October 2016**  **Pharmtech Solution Pvt. Ltd., Hyderabad, Telangana, INDIA**   * Enabling the delivery of the technical aspects of product development of various Liquid dosage forms to support in production area. * Solve formulation related stability and manufacturing issues. * Work closely with vendors to evaluate novel ingredients and process technologies that will aid in the development of new products that will improve existing formulations. * Prepare and ensure all documentation (BMR’s, SOP’s. etc) relevant to formulation & process development is available * Product Development Report and QbR(Quality based Review), In process & Finished Product Specifications, Batch Manufacturing Records, Process Validation Protocols & Report, and to qualify various equipment, maintain system and equipment SOPs. * Support production by working closely with commercialization team on blend instructions and approving ingredients and blend formulation   **Production Executive**  **November 2010 – October 2013**  **Syskem Pharmocrats, Solan, Himachal Pradesh, INDIA**   * Execution and development of process documentation (like Master formula record and Master Batch Records, SOPs and Work Instructions) to support implementation of new processes and/or equipment. Ensure all technical information and results are well documented. * Direct the writing and following of applicable SOPs * Supports Formulation leadership by completing initial data search during new product development   **EDUCATION** |  |
| **Master of Pharmacy** | **2010** |
| Bharat Institute of Technology. Jawaharlal Nehru Technological University - Hyderabad  **Thesis:** Design and Development of Nifedipine Sustained Release Capsules and their |  |
| Evaluation. |  |
| **Bachelor of Pharmacy** | **2007** |
| Bharat Institute of Technology. Jawaharlal Nehru Technological University - Hyderabad |  |

**Project:** Retrospective and Prospective studies on the incidents and intervention of Cardio- Vascular diseases in semi urban setup in India.

**PROFESSIONAL SKILLS**

* Experience with multiple delivery forms is desired (semisolids, solids, liquids, suspensions for non-sterile)
* Laboratory skills in Pre-formulation and Formulation and process development.
  + Solubility and pH profile studies
  + Drug/excipient compatibility studies
  + Formulation development utilizing state-of-the-art technologies (e.g., micro-emulsions, co-solvent systems, and nanoparticles)
  + Preservative screening, selection, and testing.
  + Container/closure compatibility, evaluation and selection studies
  + Short-term accelerated stability studies for formulation selection
  + Optimization of formulations and final selection
  + Process development and scale-up
  + Manufacture of lab-scale and feasibility batches
* Demonstrated computer skills (Word, Excel, PowerPoint)
* Effective verbal and written communication skills (one-on-one, small groups, and formal settings)
* Sound knowledge of In-process testing (e.g. Flow characteristics, PSD, D.T, Hardness etc.) in development of solid and liquid dosage forms
* Great attention to detail with the ability to learn and effectively translate print (ink) quality from specifications to design to production
* Strong understanding of the product development process from concept ideation to launch.

# EQUIPMENTS HANDLED

**Development of oral solid dosage forms**

* Lab Press II 12 MT – Multi Tooling Model
* Mini Fluid Bed Dryer (1 to 1.5 Kg capacity)
* Mini Rapid Mixer Granulator (5 litre working capacity)
* Mini Vibro Sifte
* Multipurpose Laboratory Attachments ( for coating and pelletization)
* Mini Multi Mill
* Mini V-blender
* Minicap capsule filler
* Planetary mixer
* Digital Ultra homogenizer

**Physical analysis equipments:**

* pH meter
* Oven
* Bench top freeze dryer
* Dissolution apparatus
* Tap density tester
* Sonic Sifter
* Brookfield viscometer
* Centrifuge
* Overhead stirrer
* 25ºC/60%RH Stability Chamber
* 40ºC/75%RH Stability Chamber

# CO-ADVISOR FOR GRADUATE STUDENTS’ PROJECTS

1. “Design, Preparation and Characterization of Ranolazine Controlled Release Microspheres by using Natural Polymers” Gorukanti Anusha, M.Pharm - Pharmaceutics, Mother Teresa college of pharmacy, Hyderabad, India.
2. “Formulation and Evaluation of Ketoprofen Sustained Release Pellets” Srinath Reddy, M.Pharm - Pharmaceutics, S.R.R College of Pharmaceutical Sciences, Karimnagar, India.
3. “Formulation and Evaluation of Sustained Release Tablets of Clomipramine Hcl” Masrath Fathima, Master of Science in Pharmaceutical Chemistry, Telangana University, India.
4. “Preparation of Sodium Valproate and Valproic Acid Controlled Release Matrix Tablets” N. Ramesh and D. Prakash Babu, B.Pharmacy, Gyana Jyothi College of Pharmacy, Hyderabad, India.
5. “Formulation and Evaluation of Azithromycin Suspension using Ion Exchange Resin for Taste masking” Sharan Vishwa, B.Pharmacy, Gyana Jyothi College of Pharmacy, Hyderabad, India.
6. “Near pH Independent Release of Carvedilol Phosphate by Melt Dispersion Technology” Nandam Shanmukha Aparna, M.Pharm-Pharmaceutics, JNTU School of Pharmaceutical Sciences and Technology
7. “Design and Evaluation of Floating Tablets of Metformin Hydrochloride” Divya.Gunti, Naga Jyothi .Vulli, G.Gowri Sindhu, Erick Deusdedith Nsimeki, B. Pharmacy, Koneru Lakshmaiah Education Foundation, Guntur, India.
8. “Development and Evaluation of Floating Pulsatile Drug Delivery System of Meloxicam” P. Saritha, M. Pharm-Pharmaceutics, JNTU School of Pharmaceutical Sciences and Technology
9. Formulation and Evaluation of Immediate Release Amlodipine Besylate Tablets. D. Uma Devi, B.Pharmacy, Gyana Jyothi College of Pharmacy, Hyderabad, India.

# ORAL PRESENTATIONS

**Haripriya Kandagatla** and Rakesh Narne. *Effect of Formulation Adjuvant In the Development of Fast Disintegrating Tablets of Ondansetron Hydrochloride*. National Level Seminar on Recent Advances In Pharmaceutical Research*.* G.Pulla Reddy College of Pharmacy, Hyderabad. October 09, 2009.

# SOFTWARE SKILLS

Mathlab, Chemoffice

Operating System Environment: Windows 7, Windows 10. Office tools –MS excel, MS word, Power point.

# REFERENCE

**Kankanala Sudheer Karna**

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# Dr. Avinash Dundigalla

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