

Mahesh More

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*A highly efficient, Results-driven individual seeking an assignment in...
Pharmacy*

- Possessing a good understanding of the essentials of safety and quality.
- Strong customer service experience and a background of achievement in supporting all levels of management & working to set schedules and deadlines.
- An effective communicator combined with flexible & extremely detail oriented attitude with the ability to interact with people effectively.
- Action-driven quality executive with expertise in cross-functional team leadership and delivering positive outcomes with strong and sustainable gains.
- Mentors staff and encourages a team environment for high levels of employee confidence and satisfaction.
- An organized, conscientious self-starter, able to strategize and prioritize effectively to accomplish multiple tasks and stay calm under pressure.

Core Competencies

- Formulation and Development
- Quality management
- Quality Assurance
- Market Research
- Motivational
- Influencing skills
- Negotiation Skills
- Multitasking Skills
- Proactive
- Process & Product development

EXPERIENCE

Experince : 3 Years, 8 Month

Present Work:

Junior Research Fellow and PhD Research Scholar at H.R.Patel Insitute of Pharmaceutical Education and Research, Shirpur, Dist - Dhule, Maaharashtra, India.

Research Supervisor – Dr. Prashant Deshmukh

Research Entitled as – Synthesis and Characterization of 2D carbon backbone based magnetic hybrid nanocomposite for selective tumour theranostics DST Nanomission Sponsored Project - SR/NM/NS -1302/2014 (C&G)

From 04 January, 2016 to till date

Project Assistant at Institute of Chemical Technology, Mumbai, India. Since 18th Feb, 2015 to 02 Janurary, 2016.

- Working on different projects in a Team.
- Depolymerisation of Polysaccharide using different method, chemical/enzymatic/Catalytic.
- Synthesis of different molecular weight fractions (Low, Medium and High), stability studies, packaging and commercialization.
- To set quality control parameters related to oligomer synthesis.
- Synthesis of chitosan and silver nanoparticles on commercial scale unsing continuous flow reactor.
- Optimization of nanoparticle synthesis and its continuous process verification.
- To set the quality parameters, material/ process costing and project analysis.
- Stability studies on synthesized polymer and nanoparticles.
- Antibacterial studies on synthesized polymer and nanoparticles and its nanocomposite.
- Application of Synthesized material on commercial product, such as silver nanoparticles have an potent antibacterial property use it in cotton fabrics, polyurethane foam and LLDPE masterbatches/Films
- Fabrication of Dissolution apparatus IV in low cost compared to commercial product available.

- Toxicity, bioavailability along with different applications in formulations such as tablet, capsule, Creams, Lotions, Face Wash, Etc.

Technical/Product Executive at NanoXpert Technologies Mumbai, India. Since 5th May, 2014 to 17th February 2015

- Extensive Literature survey for the current product into the market; and research thereof
- Mainly synthesis of Nanoparticles according to commercialization basis; and characterization, stability thereof; Application of QbD in the synthesis
- Process development, Product Development, Updating about the recent research over nanoparticles and contacting collaborators and update regarding same.
- Developing newer formulation and modifying existing according to customers need.
- Locating or proposing potential business deals by contacting potential partners; discovering and exploring opportunities.
- Developing negotiation strategies and positions by studying integration of new venture with company strategies and operations; examining risks and potentials; estimating partners' needs and goals.
- Protecting organization's value and intellectual property by keeping information confidential.
- Market research on the product; use of different software based data.
- Work as team leader and verifying about current project.
- Product preregistration into European market as per REACH guidance and research

Jr. Officer Formulation (Research and Development) at Sirmaxo Chemicals Pvt. Ltd. Since Feb, 2014 to till May, 2014 (Report to Formulation Head and Director of R&D)

- Formulation trials for Tablet, Suppositories, liquids, Emulsions and Suspensions and overview on stability data; Extensive Literature Survey regarding product development.
- Formulation development according to innovators product, and trials stability data generation subsequent.
- Technology transfer of developed product to Production department, Documentation thereof.
- Development of Testing strips for testing of Antiseptic and disinfectant formulation.
- Vendor Identification and sample acquisition, testing from QC, and
- Overview of stability batches and pilot batches and trouble shooting.

PROFESSIONAL ACHIEVEMENTS

- ⇒ First Prize in **AVISHKAR 2012** at university level with subject "**Fabrication and characterization of antibiotics loaded layer by layer polymeric nanosheets for burn wound therapy**".
- ⇒ Get first prize in poster presentation on lyotropic liquid crystalline system in College level

RESEARCH PAPER PUBLISHED/COMMUNICATED

- "**Graphene based nanomaterials: Diagnostic applications**", Pandey, A.P., Karande, K.P., **More, M.P.**, Gattani, S.G. and Deshmukh, P.K., Journal of Biomedical Nanotechnology, 10(2), pp.179-204, 2013. (IF - 5.256) .
- "**Fabrication of layer-by-layer self-assembled drug delivery platform for prednisolone**", Patil, G.B., Ramani, K.P., Pandey, A.P., **More, M.P.**, Patil, P.O. and Deshmukh, P.K., Polymer-Plastics Technology and Engineering, 52(15), pp.1637-1644, 2013 (IF - 1.56).
- "**Simplified sol-gel method for synthesis of mesoporous alumina**", **More, M.P.**, Patil, P.O., Pandey, A.P., Patil, D.A. and Deshmukh, P.K., Micro & Nano Letters, 8(12), pp.895-898, 2013 (IF - 0.736).
- "**Fabrication of layer by layer self assembled nanocrystalline drug delivery platform by design of experiment (DoE) Strategy**", Saurabh S. Singh, Prashant K. Deshmukh, Ganesh B. Patil, Abhijeet P. Pandey, **Mahesh P. More**, Pravin O. Patil, Chetan Bhavsar and Dilip A. Patil, Biomed Research International, (Impact factor 2.436)
- "**Optimization of desolvation process for fabrication of lactoferrin nanoparticles using quality by design approach**", Pandey, A.P., **More, M.P.**, Karande, K.P., Chitalkar, R.V., Patil, P.O. and Deshmukh, P.K., 2016. Artificial Cells, Nanomedicine, and Biotechnology, pp.1-14 (IF - 5.605).

- “Fabrication and characterization of graphene-based hybrid nanocomposite: assessment of antibacterial potential and biomedical application”, More, M.P., Patil, M.D., Pandey, A.P., Patil, P.O. and Deshmukh, P.K., 2016.. Artificial Cells, Nanomedicine, and Biotechnology, pp.1-13 (IF – 5.605)..
- “Fabrication and characterization of shape memory polymers based bioabsorbable biomedical drug eluting stent”, Sonawane, V.C., More, M.P., Pandey, A.P., Patil, P.O. and Deshmukh, P.K., Artificial Cells, Nanomedicine, and Biotechnology, pp.1-14, 2017 (IF – 5.605).
- “Development of Surface Engineered Mesoporous Alumina Nanoparticles: Drug Release Aspects and Cytotoxicity”, More, M., Ganguly, P., Pandey, A., Dandekar, P., Jain, R., Patil, P. and Deshmukh, P., Assessment. IET Nanobiotechnology, 2017.

INDUSTRIAL TRAININGS ATTENDED

⇒ Glaxo Smith Kline Pharmaceuticals Limited, Nashik

EXTRA CURRICULAR ACTIVITIES

Seminars attained:-

- Future trends in pharmacy and interview techniques on March, 23rd 2011 by Dr. Burande Sir.
- On Recent Trends in Pharmaceutical Research: Emphasis on Viscosity and Texture Characterization" on March, 1^{5th}, 2013 at HRPIPER, Shirpur.
- On Recent Challenges in Pharmaceutical Sciences & Technology March, 16th, 2013 at UDCT, North Maharashtra University, Jalgaon.

Attended National seminar/conference/Workshop:

- Regional GMP Strengthening Workshop for Indian Pharmaceutical Organised by FICCI in association with WHO, 17th February, 2015 Vivanta by Taj, Mumbai
- One day intensive workshop : An Introduction to practical NMR spectroscopy. At Central NMR facility, NCL & Venure Centre Pune. On 1st August 2015.
- Work as Programme Executive, for Five days **INSPIRE Internship Camp** for Science students from **February 22 - 26, 2016** and **September 27, 2016 to October 01, 2016** sponsored by Department of Science and Technology, Government of India, Organised by H.R.Patel Institute of Pharmaceutical Education and Research, Shirpur.

IT SKILLS

⇒ **Office/Others Tools** : MS Office, Internet and Other basic applications, offline/online software working such as MatLab, Minitab, OriginLab, Solidworks, DoE, etc.

ACADEMIC QUALIFICATIONS

- ⇒ Master of Pharmacy (Pharmaceutics), North Maharashtra University, Jalgaon (2013) 67.84%
- ⇒ PG Diploma In Bioinformatics, North Maharashtra University, Jalgaon (2012)
- ⇒ Bachelor of Pharmacy, North Maharashtra University, Jalgaon (2011) 66.57%

PERSONAL DETAILS

- ⇒ **Date of Birth** : 6th April, 1990
- ⇒ **Languages Known** : English, Hindi & Marathi (Read, Write, Speak)
- ⇒ **Present Address** : H.R.Patel Institute of Pharmaceutical Education and Research, Karvand Naka, Shirpur, Tal – Shirpur, Dist – Dhule, Maharashtra, India 425405
- ⇒ **Permanent Address** : 120, Krushna Smruti. At Post- Shanimandal, Tal & Dist-Nandurbar- 425412, Maharashtra, India.

DECLARATION

Hereby I declared that all the information given above is true and correct as per my knowledge and belief.

Date:/...../2017

Place: Shirpur

Yours Sincerely,

Mahesh Prabhakar More