

**SHORT AUTOBIOGRAPHY:**

Mr. Mahesh P. More was born on April 4, 1990. He received his Master of Pharmacy (Pharmaceutics) (2013) from H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur (M.S.) and Bachelor of Pharmacy from Institute of Pharmaceutical Education, Boradi (Shirpur, M.S.) in 2011. Currently he is working as Junior Research Fellow at H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur under supervision of Dr. Prashant K. Deshmukh on DST Nanomission Project entitled as "Synthesis and characterization of 2D carbon backbone based hybrid magnetic nanocomposite for selective tumor theranostics" (SR/NM/NS-1302/2014(G)). Previously he is working at Institute of Chemical Technology, Mumbai in an industry driven project for development of commercial nano-related product along with NanoXpert Technologies, Mumbai. He has worked as Technical/Product Executive at Nanoxpert Technologies, Mumbai after working at Sirmaxo Chemicals Pvt Ltd, Mumbai as Jr. Formulation Officer (R&D). During his Master course (2011 - 2013) he selected for state and University level AVISHKAR 2012 presentations. He has hands-on experience in designing and synthesis of nanoparticles and nanomaterials, polymers, copolymers for drug delivery and sensing applications at the laboratory level and makes it feasible for the development of commercial batches. He usually uses the design of experiment while doing synthesis of nanomaterials and now using artificial intelligence in formulation development. Proficiency and hands-on use of NanoPlus Particulate System, Texture Analyzer, CEM microwave synthesizer, Gel Permeation Chromatography, Electrophoresis, HPLC, Lyophilizer, FT-IR, etc. and software includes Minitab, MatLab, Origin, Design of Experiments, Solidworks, etc. He has published 8 International research articles in reputed journals. He recently received a grant from BIRAC-SRISTI appreciation award for fabrication of SiFroGel a socioeconomic approach for the management of Wound. His major field of scientific interest synthesis of graphene, graphene quantum dots, carbon nanotubes, polymeric nanoparticles, copolymers, drug nanocarrier, etc. He has total 3 years 8 months experience including Industry and Academic.

**NAME:** Mr. MORE MAHESH PRABHAKAR

**DESIGNATION:** .....

**DEPARTMENT:** PHARMACEUTICS

**EXPERIENCE:** 3.8 YEARS

**RESEARCH PROJECTS:**

## INSTITUTE PROJECTS:

UG: Completed: 00 , Ongoing: 00

PG: Completed: 00, Ongoing: 00

Funded: Completed: 00 , Ongoing:01

INDUSTRY PROJECTS: Completed: 00 , Ongoing:00

**PUBLICATIONS/PRESENTATIONS:**

NATIONAL: 00

INTERNATIONAL: 08

CUMULATIVE IMPACT FACTOR: 28.39

CONFERENCES/SEMINAR: 6

PATENTS: Filed:00 , Published: 00 , Granted:00

**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”.
- Design and Fabrication of simulative design for dissolution apparatus (Flow through cell), for evaluation and *In vitro* drug release study of stents.

**PROFESSIONAL MEMBERSHIP:** Life member of Maharashtra state Pharmacy Council

**INSTITUTIONAL PORTFOLIO:**

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