



Name : Dr. NILESH M. MAHAJAN
Designation : Professor
Qualification : M. Pharm., Ph.D.,
Specialization : Industrial Pharmacy
E mail : nmmahajan78@gmail.com; nileshmahajan@dbcop.org
Phone : +91-8600882404; 9890216128
Experience : 19yrs 6 months

Dr. Nilesh Mahajan is currently working as a Professor and Head, Dept of Pharmaceutics, Dadasaheb Balpande College of Pharmacy since 1st July 2014. Previously he worked with IBSS College of Pharmacy, Malkapur as an Associate Professor during the period July 2011 to June 2014. Prior to that, he worked at GSPS Institute of Pharmacy, Akola as an Assistant Professor during September 2002 to July 2011.

He is a hard-core teacher with a strong work ethic. His working philosophy revolves around discipline, honesty, and sincerity. He is a quick learner and instrumental in managing the student's manpower for getting substantial outcomes with respect to research and academia. He has core values for team building and has organized several conferences, seminars, and workshops. He is a certified Yoga teacher and brings energy to the workplace. He is a super active human being with positive intent and that passes on to the students and colleagues.

Research areas:

- Nanotherapeutics
- NDDS & CRDDS
- Crystal Engineering
- Herbal drug formulations
- Biomedical device development

Research

- ✓  <https://scholar.google.com/citations?user=nkCV-YEAAAAJ&hl=en>
- ✓  [Nilesh Mahajan \(researchgate.net\)](#)
- ✓ <https://www.scopus.com/authid/detail.uri?authorId=35074500600>

- Publications: 60 (International: 40, National: 20)
- Books published: 01
- Book Chapters: 03
- Patents: 04 (Published)
- Copyright: Design copyright for In-vitro dissolution tester for chewing gum dosage forms
- Presentations: 23 (International: 04, National:19)
- Sponsored projects: 04 with total outlay of 1.2 Crores
- Consultancy extended: 05 with total outlay of 4.65 lakhs
- As a Resource: For 14 programs
National/International Conferences/Seminars/Workshops
- Organizing skills: 10 programs organized
National/International Conferences/Seminar/Workshop sponsored by National agencies like CRS-IC, APTI, IPA, SFEC

FDPs/STTPs/QIPs/Conferences/Workshops/Seminars attended- 38

Academic activities

He has guided 55 M. Pharm students for their research projects & TWO candidates are registered under his supervision for Ph.D.

Awards

1. Awarded 2nd merit of SGB Amravati University, Amravati in M. Pharm. 2002
2. Winner, at APTI MS and IPA, Nagpur sponsored, National level oral presentation competition “Innovations in Pharmaceutical Research”, on the occasion of science day, Organized by SKBCOP, Kamptee, Nagpur 28 Feb 2017.

3. Runner-up poster presentation at CRS - IC Sponsored one day National Seminar on “Excipients – The Key Drivers in Formulation Success” organized by Indira College of Pharmacy, Pune on 06th October 2018
4. Winner of oral presentations session at SFE, India, Sponsored two days International Conference on “Academic and Industrial Innovations: Transition in Pharmaceutical, Medical and Biosciences” organized by Innovare Academic Sciences and VNS Group of Institutions, Bhopal at Kala Academy, Panjim, Goa on 22nd and 23rd October 2018
5. Special Award for Innovation during the poster session of CRS-IC Sponsored 18th International Symposium on “Advances in Technology and Business Potential of New Drug Delivery Systems” held at Hotel Sahara Star, Mumbai on 28-29th February 2020.

Professional Memberships

- Life member, Association of Pharmacy Teachers of India, since 2007. (MH/LM/910)
- CRS – IC EC member

Recent Publications

1. Mahajan Nilesh, Kharwade Rohini, Badole Payal, More Sachin, “Toxicity and Surface Modification of Dendrimers: A Critical Review”, *Current Drug Delivery* 2022; 19 (4): 451-465 <https://doi.org/10.2174/1567201818666211021160441> [Impact factor 2.565, Bentham Sciences, SCOPUS]
2. Nilesh Mahajan, P. S. Gangane, Tejas Pachpute, DK Mahaptra, “HPMC Polymer and Xanthan Gum Assisted Development and Characterization of Stavudine Extended Release Floating Tablets”. *Indian Journal of Pharmaceutical Education and Research* 2021; 55 (3): 1-12
3. Nilesh Mahajan, Raju Thenge, Vinayak Shrikhande, Vaibhao Adhao, “Improvement of Acid Stability of Lansoprazole by Cocrystallization Techniques”. *American Journal of Pharm Tech Research* 2021; 11(3): 57-70
4. Nilesh Mahajan, Monika Nimbalkar, Mrunal Yawalkar, Sanjay Dhoble, “Potential of luminescent material in Phototherapy”, *Photodiagnosis and Photodynamic Therapy*, 2021; 33: 102082 DOI: <https://doi.org/10.1016/j.pdpdt.2020.102082> [Impact factor 3.631, Elsevier, SCOPUS].

5. Nilesh Mahajan, Raju Thenge, Pritesh Chaware, Vaibhao Adhao "Preparation and Characterization of Rabeprazole Co-crystals" *International Journal of Advances in Pharmacy in Biotechnology*. 2020; 6(3): 23-26
6. Nilesh Mahajan, Purushottam Gangane, Debarshi Mahapatra, Rutuja Meshram, Shriniwas Gatlwar, "Rationale Design of Carbamazepine Osmotic Controlled Release Oral Delivery System for Multiple Therapeutic Advantages", *International Journal of Current Research and Reviews*; 2020; 12(24): 43-48 DOI: <http://dx.doi.org/10.31782/IJCRR.2020.122406> [SCOPUS]
7. Nilesh M. Mahajan, Purushottam S. Gangane, Shrikant V. Pusala, Debarshi Kar Mahapatra, "Hydrophilic And Hydrophobic Matrix System Engineered Development Of Extended-Release Tablets Of Oxybutynin Chloride" *Int. J Pharm. Sci. and Res.* 2020; Vol. 11(9): 4603-4611 [Web of Science]
8. N. M. Mahajan, S. H. Ghughusakar, P. S. Gangane, D. K. Mahapatra, "Evaluating the Role of *Celosia argentea* Powder and Fenugreek Seed Mucilage as Natural Super-Disintegrating Agents in Gliclazide Fast Disintegrating Tablets", *International Journal of Current Research and Review*. 2020; 12 (17): 101-108 DOI: <http://dx.doi.org/10.31782/IJCRR.2020.12173> [SCOPUS]
9. Nilesh Mahajan, Rohini Kharwade, Sachin More, Pratibha Agrawal, Amol Warokar, "Stratburst PAMAM Dendrimers: Synthetic Approaches, Surface Modifications, and Biomedical Applications", *Arabian Journal of Chemistry*: 2020; 13 (7) <https://doi.org/10.1016/j.arabjc.2020.05.002> [Impact factor 5.165, Elsevier, SCOPUS]
10. Nilesh Mahajan, Rohini Kharwade, Sachin More, Pratibha Agrawal, "Functionalized Dendrimers: Potential Tool for Anti-retroviral Therapy". *Current Nanosciences* 2020; 16 (6) DOI : [10.2174/1573413716666200213114836](https://doi.org/10.2174/1573413716666200213114836) [Impact factor 1.83, Bentham Sciences, SCOPUS]
11. Nilesh Mahajan, Roshan Telrandhe, Ekta Kankariya, DK Mahapatra, P.S. Gangane "Development and Evaluation of Mucolytic Fast Dissolving Oral Film Containing Ambroxol, Guainphenesin and Levosalbutamol" *International Journal Pharmaceutical Sciences and Nanotechnology* 2020; 13 (2): 4857-4864 [UGC]
12. Nilesh M. Mahajan, Purushottam S. Gangane, Neha V. Ghormare, Debarshi Kar Mahapatra, "Gellan Gum Assisted Fabrication and Characterization of Donepezil Hydrochloride

Mucoadhesive Intranasal Microspheres". *International Journal of Current Research and Review* 2020; 12(19): 105-115 DOI: <http://dx.doi.org/10.31782/IJCRR.2020.121929> [SCOPUS]

13. Nilesh Mahajan, Raju Thenge, Rakesh Patel, Nandu Kayande, "Co-Crystals Of Carvedilol: Preparation, Characterization And Evaluation" *International Journal Of Applied Pharmaceutics* 2020; 12(1): 42-49 [SCOPUS/ UGC]