

CURRICULUM VITAE



Dr. Upendra Chandrakant Galgatte

Address: Shubhashree Residentials,
Flat No. D/404, Phase 1,
Jai Ganesh Vision Campus,
Akurdi, Pune 411035. (M.S.) India.

I] Personal Details

Qualification: M. Pharm. Ph. D.

Current Designation:

Associate Professor in Pharmaceutics

Department of Pharmaceutics, Modern College of Pharmacy, Nigdi, Pune 411044 Maharashtra

Experience: 18 Years

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Office No: 020-27661315, 020-27661314

Date of Birth: 28 August 1978

Nationality: Indian

Marital status: Married

Languages Known: English, Hindi, Marathi

Date of joining of present organization: 01/09/2004

Status as on date of joining: Lecturer in Pharmaceutics

LinkedIn: <https://www.linkedin.com/in/upendra-galgatte-9414b221/>

II] Contents/Subjects Taught

Undergraduate: Pre-formulation study, granulation, tablets, capsules, semisolids, disperse systems, suspensions, emulsions, quality assurance techniques

Postgraduate: Self emulsifying drug delivery, gastroretentive drug delivery, pharmaceutical quality assurance techniques, research methodology, formulation development, advanced Pharmaceutics, pharmaceutical manufacturing technology.

III] Research Profile

Research Interest (Keywords):

In-situ gels, nasal drug delivery, self-emulsifying drug delivery systems, colloidal drug delivery, nano-emulsions, fast disintegrating/dissolving oral films, gastro retentive delivery systems, quantum dots, polymer forming matrix delivery.

M. Pharm. Dissertation Title: Formulation and in-vitro evaluation of sustained release matrix tablets prepared by using Xanthan gum

University: Nagpur University (Now Rashtrasant Tukdoji Maharaj University, Nagpur, (M.S), India

Ph. D. Thesis Title: Design and evaluation of mucoadhesive formulations of some drugs for intranasal drug delivery.

University: Jawaharlal Nehru Technological University (JNTU), Hyderabad (TS), India.

Indices:

H-index: 10 **i10 index:** 11 **Citations:** 460 **Highest Impact Factor:** 4.902

Cumulative impact factor: 13.754

ResearchGate Score: 15.42

ORCID ID: 0000-0001-8427-0945

Researcher ID: P-6646-2015

Scopus Author ID: 14015431000

Google scholar: <https://scholar.google.com/citations?hl=en&user=ZgwkjucAAAAJ>

ResearchGate: https://www.researchgate.net/profile/Upendra_Galgatte

Publications: 27

- 1) Madhuri Dinde*, **Upendra Galgatte**, Firdous Shaikh. Development and evaluation of cinnarizine loaded nanospheres: Pharmacodynamic and pharmacokinetic study on wistar rats. **International Journal of Pharmaceutical Sciences Review and Research** 2020, 65(2), 96-105.
- 2) **Upendra C Galgatte***, Pravin D Chaudhari. Development of frovatriptan succinate microemulsion for nasal delivery: Optimization, in vitro and in vivo evaluation. **Asian Journal of Pharmaceutical and Clinical Research** 2019; 12(4): 292-300.
- 3) **Upendra C Galgatte***, Pravin D Chaudhari. Development of metoclopramide hydrochloride in situ gel: Nasal delivery and pharmacokinetics in New Zealand rabbits. **Asian Journal of Pharmaceutical and Clinical Research** 2019; 12(4): 280-285.
- 4) Yuvraj Govindrao Jadhav, **Upendra Chandrakant Galgatte***, Pravin Digambar Chaudhari. Overcoming poor solubility of Dimenhydrinate: Development, optimization and evaluation of fast dissolving oral film. **Advanced Pharmaceutical Bulletin** 2018, 8(4), 721-725 doi: <http://dx.org/10.15171/apb.2018.081>
- 5) **Galgatte U C***. Quantum Dots: Need to explore potential for delivery of drugs and biomolecules. **Open Access Journal of Pharmaceutical Research** 2017, 1(8), 1-4. (Editorial)
- 6) **Upendra C Galgatte***, Pooja P Patil, Pravin D Chaudhari. Development of fast dissolving sublingual wafers by using film former: Optimization and characterization. **Journal of Chemical and Pharmaceutical Research** 2017; 9(4); 82-91.
- 7) Umesh M Bhosale, **Upendra C Galgatte***, Pravin D Chaudhari. Development of pioglitazone hydrochloride liposomes by melt dispersion technique: Optimization and evaluation. **Journal of Applied Pharmaceutical Science** 2016, 6(1), 107-117. doi:10.7324/JAPS.2016.600118

- 8) Nikhil N Godbole, **Upendra C Galgatte***, Pravin D Chaudhari. Development and in-vitro evaluation of quantum dots as a carrier for delivery of 5-Fluorouracil. **International Journal of Pharmacy and Pharmaceutical Sciences** 2016, 8(1), 289-296.
- 9) **Upendra C Galgatte***, Umesh M Bhosale, Pravin D Chaudhari. Formulation development optimization and in vitro evaluation of glimepiride lipospheres **International Journal of Pharmaceutical Sciences Review and Research** 2015, 34(2), 157-162.
- 10) Ashwini K Rakde, **Upendra C Galgatte***, Pravin D Chaudhari. In-situ gelling characteristics of gellan gum at various simulated independent physiological conditions. **Journal of Chemical and Pharmaceutical Research** 2015; 7(2); 819-829.
- 11) **Upendra C Galgatte***, Pravin D Chaudhari. Preformulation study of poloxamer 407 gels: Effect of additives **International Journal of Pharmacy and Pharmaceutical Sciences** 2014; 6, (1); 130 to 133.
- 12) Amol D Thingle, Karimunissa S Shaikh, Prajakta R Channekar, **Upendra C Galgatte**, Pravin D Chaudhari, Chellampillai Bothiraja. Enhanced hepatoprotective activity of andrographolide complexed with a biomaterial. **Drug Delivery** doi: <http://dx.org/10.3109/10717544.2013.871602> (Taylor & Francis, Impact factor 4.902)
- 13) **Upendra C Galgatte***, Amruta B Kumbhar, Pravin D Chaudhari. Development of in situ gel for nasal delivery: design, optimization, in vitro and in vivo evaluation. **Drug Delivery** doi: <http://dx.org/10.3109/10717544.2013.849778> (Taylor & Francis, Impact factor 4.902)
- 14) **Upendra C Galgatte***, Vijay R Jamdade, Pravin P Aute, Pravin D Chaudhari. Study on requirements of bioequivalence for registration of pharmaceutical products in USA Europe and Canada. **Saudi Pharmaceutical Journal**. <http://dx.org/10.1016/j.jsps.2013.05.001> (Elsevier, Impact factor 2.879)
- 15) Pawar Prashant B*, Rawat S S, Mahjan Y Y , **Galgatte U C**, Maheshwari R K. Formulation and evaluation of aqueous injection of poorly soluble drug made by novel application of mixed solvency concept, **International Journal of Drug Delivery** 2013; 5(2), 152-166. (Advanced Research Journals) (Impact factor 1.02)
- 16) **Upendra C Galgatte***, Sunil S Khanchandani, Yuvraj G Jadhav, Praveen D Chaudhari. Investigation of different polymers, plasticizers and superdisintegrating agents alone and in combination for use in the formulation of fast dissolving oral films, **International Journal of Pharm Tech Research** 2013; 5(4), 1465-1472.
- 17) Sunil S Khanchandani, **Upendra C Galgatte***, Praveen D Chaudhari. Development and validation of UV –visible spectroscopic method for estimation of rizatriptan benzoate in bulk and tablet dosage form, **Asian Journal of Pharmaceutical and Clinical Research** 2013; 6(4), 113-117.
- 18) Yuvraj G Jadhav, **Upendra C Galgatte***, Pravin D Chaudhari. Estimation of dimenhydrinate in bulk and pharmaceutical dosage form: Method development and validation, **Indo American Journal of Pharmaceutical Research** 2013; 3(8), 7001-7007.

- 19) Niranjana Bhadkwade, Swati Rawat*, **Upendra Galgatte**. Formulation and evaluation of oral disintegrating tablets of lornoxicam by 3² factorial design, **Journal of Applied Pharmaceutical Science** 2013; 3(8 suppl 1), S42-S52. <http://dx.org/10.7324/JAPS.2013.38.S8>
- 20) Yuvraj G Jadhav, **Upendra C Galgatte***, Pravin D Chaudhari. Challenges in formulation development of fast dissolving oral film, **Indo American Journal of Pharmaceutical Research** 2013; 3(8), 6391-6407.
- 21) Amruta B Kumbhar, **Upendra C Galgatte***, Shrikant Warkad, B. Santhakumari. Development and validation of a sensitive bioanalytical work for the determination of sumatriptan in rat plasma by UPLC-MS, **International Journal of Pharmacy and Pharmaceutical Sciences** 2013, 5(suppl 3); 78-82.
- 22) **Upendra C Galgatte***, Pravin D Chaudhari. Preparation and evaluation of bioadhesive microspheres prepared by ion gelation method and effect of variables on quality of microspheres, **American Journal of PharmTech Research**, 2013, 3(4); 534-546.
- 23) Rajendra T Mogal, **Upendra C Galgatte***, Pravin D Chaudhari. Floating pulsatile drug delivery of ranitidine hydrochloride for nocturnal acid breakthrough: Design, optimization, in-vitro and in-vivo evaluation, **International Journal of Pharmacy and Pharmaceutical Sciences** 2013, 5(3); 722-727.
- 24) **U. C. Galgatte*** R. H. kirange, C. W. Pote, D. A. Thanvi, P. D. Chaudhari. Preparation and evaluation of spray dried mucoadhesive microspheres of metoclopramide hydrochloride for nasal delivery, **International Journal of Pharmaceutical Sciences and Nanotechnology** April-June 2013, 6(1); 1994-2007.
- 25) **Upendra C Galgatte*** Vijay R Jamdade, Pravin P Aute Pravin D Chaudhari. Study on requirements of bioequivalence for registration of pharmaceutical products in India, South Africa and Australia, **American Journal of PharmTech Research** 2013; 3(1), 289-305.
- 26) A. A. Phatak, R. D. Patankar, **U. C. Galgatte**, S. Y. Paranjape, A. S. Deshpande, A. K. Pande, R. Thombre. Antimicrobial activity of a polyherbal extract against dental microflora, **Research Journal of Pharmaceutical, Biological and Chemical Sciences** 2011, 2(2); 533-539. (Impact factor 0.35)
- 27) P G Yeole, **U. C. Galgatte** I. B. Babla, P. D. Nakhat. Design and evaluation of xanthan gum based sustained release matrix tablets of diclofenac sodium, **Indian Journal of Pharmaceutical Sciences** 2006; 68(2); 185-189. (Impact factor 0.721) [doi:http://dx.org/10.4103/0250-474X.25712](http://dx.org/10.4103/0250-474X.25712)

Presentations: 14

Funded Research Projects Undertaken:03

- 1) Completed University Grants Commission (UGC) sponsored project on- Development and pharmacokinetic study of travellers' friendly oral thin film of poorly soluble drug. (Sanctioned grant Rs 370000)

- 2) Completed Pune University sponsored project on- Formulation and Evaluation of bioadhesive microspheres as drug carrier for antidiabetic drug (Sanctioned grant Rs 200000)
- 3) Worked as member in a team of researchers on a project titled 'Formulation Development of Herbal Product for oral hygiene' sponsored by NGO (Gokhale Centre for Alternative Medicine, Dinanath Mangeshkar Hospital, Pune) sponsored amount Rs 300000)

Research Guidance:

Students guided for M. Pharm. Projects: 39

Students Co-guided for M. Pharm. Projects: 02

Students guided for B. Pharm Projects: 32

Contribution to Scientific Journals:

I] Working as Editorial Board Member of Open Access Journal of Pharmaceutical Research (J Pharm Res; International peer reviewed journal; Medwin Publishers)

II] Reviewed manuscripts of following scientific journals

- i) International Journal of Pharmaceutics (Elsevier)
- ii) Colloids and Surfaces B: Biointerfaces (Elsevier)
- iii) Journal of Advanced Research (Elsevier)
- iv) Current Drug Delivery (Bentham Science)
- v) Drug Delivery (Taylor and Francis)
- vi) Saudi Pharmaceutical Journal (Elsevier)
- vii) Journal of Pharmacy Research (When under Elsevier)
- viii) Journal of Applied Pharmaceutical Science (JAPS)
- ix) International Journal of Pharmacy and Pharmaceutical Sciences (IJPPS)
- x) International Journal of Exploratory Research in Pharmacology (IJERP)
- xi) Drug Delivery Letters (Bentham Science)
- xii) Open Access Journal of Pharmaceutical Research (Medwin)

IV] Professional

Achievements:

- i) **Registered Pharmacist** in Maharashtra State Pharmacy Council, Mumbai.
- ii) Approved PG teacher by Savitribai Phule Pune University
- iii) **Shikshak Shri** Award by Aantarrashtriya Samarasta Manch (Indo-Nepal Samarasta Organization)
- iv) **Best Teacher Award** by Progressive Education Society, Pune
- v) VM Edulife Award
- vi) Stood 5th in the rank (Elite+Gold medal) in the NPTEL online certificate course '**Enhancing Soft Skills and Personality**' by IIT Kanpur
- vii) Stood 1st in the rank (Elite+Gold medal) in the NPTEL online certificate course '**Developing Soft Skills and Personality**' by IIT Kanpur
- viii) Resource person and evaluator for seminars/conferences

Life Membership of Professional Bodies:

- 1) Indian Pharmaceutical Association (IPA)
- 2) Indian Society for Technical Education (ISTE)
- 3) Association of Pharmaceutical Teachers of India (APTI)
- 4) InPharm Association

Quality Improvement Programmes/FDPs/Seminars/Conferences/workshops attended till date

- 1) Quality Improvement Programmes & FDPs: 15
- 2) Seminars/conferences/workshops: 48
- 3) Webinars: 19

VI Administration/Extension/Co-Curricular Activities at MCOP Nigdi, Pune

- 1) Working as member of Research Monitoring Committee (RMC)
- 2) Working as Research Grant Coordinator
- 3) Working as coordinator for Grievance Redressal Cell
- 4) Working as a member, NBA steering committee
- 5) Worked as Academic and Research Coordinator (ARC)
- 6) Worked as a programme officer of NSS unit of Modern College of Pharmacy, Nigdi, Pune

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