



# Curriculum Vitae

## Personal Information

Name : **Atishkumar Mundada**  
Father's Name : Shri. Shrikisan M. Mundada  
Date of Birth : May 9, 1978  
Citizenship : Indian

Home Address : **Flat No. 2, BhaktiVedant Appartment, Near Hare Krishna Temple, Gen. Vaidya Nagar, Dwarka, Nashik-422 011.**

Office Address : **Assistant Professor (PG),  
Shri Neminath Jain Brahmacharyashram's  
SHRIMAN SURESHDADA JAIN COLLEGE OF PHARMACY  
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## Degrees

- 2008 **Doctorate in Pharmacy (Ph.D.), Thesis Submitted (2008)**  
The R.T.M. Nagpur University, Nagpur-444033.  
Thesis in Faculty of Medicine: "**Formulation and Evaluation of Transdermal Drug Delivery Systems for some Cardiovascular Drugs**"  
Place of Work: Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Amravati Road, Nagpur-440033.
- 2003 **Masters Degree in Pharmaceutics (M. Pharm.), I<sup>st</sup> Class (2001-03)**  
The R.T.M. Nagpur University, Nagpur-444033. (Formerly: Nagpur University).  
Place of Education: Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Amravati Road, Nagpur-444033.
- 2000 **Bachelors Degree in Pharmacy (B. Pharm.), I<sup>st</sup> Class (1996-2000)**  
S.G.M. Amravati University, Amravati. (Formerly: Amravati University, Amravati.)  
Place of Education: Government College of Pharmacy, Gadgenagar, Amravati, 444604.

## Professional Experience

04 yrs Teaching  
03 yrs Industry

## Research Experience

- 2006-2008 Research Scholar for Ph.D. at Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Amravati Road, Nagpur-440033. Developed transdermal patches for few cardiovascular drugs using novel film forming biomaterials.
- 2001-2003 Worked on Formulation and Development of Soluble Ocular Drug Insert project for the partial fulfillment of degree of M. Pharmacy (partly by paper and partly

by thesis) at Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Amravati Road, Nagpur-440033.

### ***Research Interest***

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Development and Evaluation of Novel drug delivery Systems.  
Exploring novel pharmaceutical applications for biomaterial.

### ***Techniques***

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Well versed with operation of Tablet Compression Machine  
Fluidized Bed Processor  
Coating Machine  
Stability Chambers  
Spray dryer  
Extruder and Spheronizer  
Dissolution and Disintegration Test apparatus  
Brookfield Viscometer  
UV spectrophotometer and FTIR

### ***Services at the Home and Other University Level***

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1. Chairman&/ Examiner for Graduate level Theory and Practical Examinations of Pharmaceutics conducted by University of Pune.

### ***Memberships and Affiliations***

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Life Member : Association of Pharmacy Teachers of India, MA/LM 524.

### ***Peer-reviewed Research/Review Publications:***

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1. B.R.Gandhi, **A.S.Mundada**, P.P. Gandhi. “**Chronopharmaceutics: as a clinically relevant drug delivery system**” to *Drug Delivery*, 2010.(**Manuscript accepted**)
2. **A.S.Mundada**, P.M.Satturwar, S.V.Fulzele, S.B.Joshi and A.K.Dorle “**Characterization and Evaluation of Novel Film Forming Polymer for Drug Delivery**” in *Iranian Journal of Pharmaceutical Research*, 2010. (**Manuscript accepted**).
3. **A.S.Mundada**, J.G. Avari. “**Evaluation of Gum Copal as rate controlling membrane for transdermal application: effect of plasticizers.**” in *Acta Pharmaceutica Scientia*, 2010. 52, 31-38.
4. **A.S.Mundada**, J.G. Avari. “**Flurbiprofen matrix type transdermal drug delivery system: in vitro evaluation**” in *Inventi Rapid: Pharm Tech*, 2010, Vol. 1, Issue 1.
5. **A.S.Mundada**, J.G. Avari. “**Characterization and Evaluation of novel film former for sustained drug delivery**” in *Inventi Rapid: NDDS*, 2010, Vol. 1, Issue 1.

6. H.H.Gangurde, A.S.Mundada, V.S.Gulecha, V.S.Borkar, M.S.Mahajan. “**Gastroretentive Dosage form: an Overview**” in *Inventi Rapid: NDDS*, 2010, Vol. 1, Issue 1.
7. V.S.Borkar, H.H.Gangurde, V.S.Gulecha, P.K.Bhojar, A.S.Mundada. **Evaluation of in vitro anthelmintic activity of leaves of *Butea monosperma*** in *International Journal of Phytomedicine*, 2010. 2, 31-35.
8. A.S.Mundada, J.G. Avari. “**Damar Batu as a Novel Matrix Former for the Transdermal Drug Delivery: in vitro evaluation**” in *Drug Development and Industrial Pharmacy*, 2009. 35, 1147-1154.
9. A.S.Mundada, J.G. Avari. “**In situ gelling polymers in ocular drug delivery system: a review**” in *Critical Reviews in Therapeutic Drug Carrier Systems*, 2009. 26, 85-118.
10. A.S.Mundada, J.G. Avari. “**Permeability Studies of Damar Batu Free Films for Transdermal Application**” in *CI&CEQ*, 2009. 15(2), 83-88.
11. A.S.Mundada, M.S. Mahajan, H.H. Gangurde, V.S. Borkar, V. S. Gulecha, R.A. Khandare. “**Formulation and evaluation of polyherbal Antipsoriatic cream**” in *Pharmacologyonline*, 2009. 2: 1185-1191.
12. A.S.Mundada, B.K. Shrikhande. “**Formulation and Evaluation of Ciprofloxacin Hydrochloride Soluble Ocular Drug Insert**” in *Current Eye Research*, 2008. 33, 469-475.
13. A.S.Mundada, D.R. Meshram, H.B. Banbale, M.R. Bhalekar, J.G. Avari. “**Formulation and Evaluation of Dispersible Taste Masked Tablet of Roxithromycin**” in *Asian Journal of Pharmaceutics*, Apr. 2008, 116-119.
14. A.S.Mundada, Shilpa Jain, N.O. Chachada, J.G. Avari. “**Taste masking approaches- a review: Part I**”, in *American pharmaceutical review*, 2008. 11(4), 94-102.
15. A.S.Mundada, Shilpa Jain, N.O. Chachada, J.G. Avari. “**Taste masking approaches- a review: Part II**”, in *American pharmaceutical review*, 2008. 11(6), 74-82.
16. A.S.Mundada, N.V. Bhola, J.G. Avari. “**Gastro retentive drug delivery systems-A technical note**”, in *Drug Delivery Technology*, 2008. 8(7), 44-47.
17. C.S. Ramaa, Rhea Mohan, A.S.Mundada, V.J. Kadam. “**Retrometabolism based drug targeting- Soft drug approach**”, in *Indian Journal of Chemistry*, 2008. 47B, 721-733.
18. A.S.Mundada, N.V. Bhola, D.R. Meshram, J.G. Avari. “**Taste masking approaches: a technical note**”, in *The Pharma Review*, 2008.
19. A.S.Mundada, J.G. Avari, S.P. Mehta, S.S. Pandit, A.T. Patil. “**Recent advances in ophthalmic drug delivery system**” in *www.pharmainfo.net*, Jan., 2008.
20. A.S.Mundada, J.G. Avari, M.J. Bhattad, N.M. Nath, C.S. Ramaa. “**Novel drug design for treatment of cancer: A new perspective**”, in *International Journal of Community Pharmacy*, 2008. 1(2), 6-16.

21. C.S. Ramaa, A.S.Mundada. “Old drugs, new impacts: Drug repositioning”, in *Pharma Times*, 2007. 39(7), 13-15.
22. A.S.Mundada, B.K. Shrikhande. “Design and evaluation of soluble ocular drug insert for controlled release of ciprofloxacin hydrochloride” in *Drug Development and Industrial Pharmacy*, 2006. 32, 443-448.
23. A.S.Mundada, B.K. Shrikhande. “Controlled release gel of Ciprofloxacin HCL for ophthalmic administration” in *Indian Drugs*, 2006. 43, 9-12.
24. C.S. Ramaa, A.R. Shirode, A.S. Mundada and V.J. Kadam. “Nutraceuticals- an emerging era in the treatment and prevention of cardiovascular diseases”, in *Current Pharmaceutical Biotechnology*, 2006. 7, 15-23.
25. A.S.Mundada. “Nanoparticles: application in ophthalmic drug delivery systems”, in *Pharma Times*, 2006. 38(3), 13-17.
26. D.S. Khobragade, S.B. Bagade, A.S.Mundada, J.G. Avari. “Bioinformatics: Potential Applications in Pharmaceuticals”, in *The Pharma Review*, 2006. 4(22), 25-29.

#### **Abstract Published:**

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1. Design and evaluation of soluble ocular drug insert for controlled release of ciprofloxacin HCL in *Ind. J. Pharm. Sci.*, 2004. 66(4), 570-571.
2. Characterization and evaluation of novel biomaterial for sustaining drug release by coating process in *Ind. J. Pharm. Sci.*, 2004. 66(4), 576-577.

#### **Book/Chapter Published:**

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Writing a book entitled “*Polymers for Ocular Drug Delivery*” for **iSmithers Publication**, Shawbury, Shropshire, SY4 4NR, UK.

#### **Papers presented at scientific meetings, conferences:**

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Presented research paper entitled “*Formulation and Evaluation of Controlled release Ciprofloxacin Hydrochloride ocular gel*” at 20<sup>th</sup> FAPA Congress, Dec. 2004, Bangkok, Thailand

Presented research paper entitled “*Gum Copal: Novel film forming polymer for TDDS*” at 8<sup>th</sup> International symposium on Advances in Technology and Business Potential of New Drug Delivery Systems, Feb. 2008, Ahmedabad.

Presented research paper entitled “*Damar Batu: Novel film forming polymer for transdermal drug delivery*” at **Controlled release conference**, Feb 2007, Mumbai.

Presented research paper entitled “*Formulation & Evaluation of soluble ocular drug insert for controlled release of Ciprofloxacin HCL*” at **5<sup>th</sup> International Symposium on advances Technology & Business potential of Novel drug delivery systems**, Feb 2004, Mumbai.

Presented research paper entitled “*Evaluation of novel biomaterial for sustaining drug release by coating process*” at **5<sup>th</sup> International Symposium on Advanced Technology & Business potential of Novel drug delivery systems**, Feb 2004, Mumbai.

Presented research paper entitled “*Formulation and Evaluation of Controlled release ophthalmic Insert*” presented in **2<sup>nd</sup> Global Congress on Cosmetic technology**, Feb.2004, Belagaum.

Presented paper entitled “*Bioinformatics: should be included in the syllabus of M.Pharm*” in **International Convention of APTI**, Oct.2004, Visakhapatnam.

Presented research paper entitled “*Evaluation of novel biomaterial for sustaining drug release by coating process*” at **5<sup>th</sup> International Symposium on Innovations in Pharmaceutical Sciences and Technology**, Feb 2003, Mumbai.

Presented research paper entitled “*Wound Healing Activity of Chandanadi Yamak*” at **9<sup>th</sup> Indian Veterinary Congress 2002**, Nagpur.

Presented research paper entitled “*Biodegradation and In-vivo Biocompatibility of Hydrogenated Rosin*” at **54<sup>th</sup> Indian Pharmaceutical Congress 2002**, Pune.

## **References**

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- 1. Dr. J.G. Avari**  
Professor of Pharmaceutics,  
Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Amravati Road,  
Nagpur-444033.
- 2. Dr. S. Ganga,**  
Professor of Pharmaceutics, NMIMS College of Pharmacy, Vile-Parle, Mumbai.
- 3. Mr. B.K. Shrikhande,**  
GM, Baidyanath Research Foundation, Nagpur.

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