

FACULTY PROFILE

Name: DR. BIBASWAN MISHRA

Qualification: B.Pharm, 77 % (UDPS, Utkal University, in 2004),
M.Pharm, 78 % (Pharmaceutics: UDPS, Utkal University, in 2006),
Ph. D. (Pharmacy): (Berhampur University in 2016),
MBA, 70 % (Sambalpur University, 2016),



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Designation: Assistant Professor,
Gayatri college of Pharmacy, Jamadarpali,
Sambalpur, Orissa, India

Experience: From 29-08-2006 to present.
Total of 10 years of teaching and research experience.

Research area of interest/expertise:

Transdermal drug delivery system
Gastro retentive controlled released microsphere
Matrix tablet
Nanosuspension
Microemulsion
Self-emulsified drug delivery system

Research Guidance:

M.pharma- 19
B.Pharma- 45

Research publications:

1. **B. Mishra**, J. Sahoo, P. K. Dixit. Enhanced bioavailability of cinnarizine nanosuspensions by particle size engineering: Optimisation and physicochemical investigations. Material science and Engineering C 63 (2016) 62-69. (Elsevier; Impact Factor: 3.088).

2. **B. Mishra**, J. Sahoo, P. K. Dixit. Formulation and process optimization of naproxen nanosuspensions stabilized by hydroxy propyl methyl cellulose. *Carbohydrate Polymers*. 127 (2015) 300-308. (Elsevier; Impact Factor: 4.074).
3. **B. Mishra**, J. Sahoo, P. K. Dixit. Fabrication of cinnarizine nanosuspensions by ultrasonication technique: a systematic study of formulation parameters on particle size and in-vitro dissolution. *Biopharm Journal*. 2015, 1(1), 12-21.
4. S. Mishra, P. Y. Mali, Asha Kesri, Asit Sahu, **B. Mishra** and B. Behera. Formulation and In-Vitro Evaluation of Fast Dissolving Tablets of Paracetamol by Direct Compression Technique. *Research J. Pharm. and Tech*. 3(3): July-Sept. 2010.
5. P.K. Biswal, **B. Mishra**, S.B. Swain, S. Sahoo, R. Mohapatra, S. Banerjee. Formulation and evaluation of Ondansetron HCl loaded nanoparticles. *Journal of Teaching and Research in Chemistry, An International Journal*, 2009.
6. S. Sahoo, **B. Mishra**, P. K. Biswal, O. Panda, S. K. Mahapatra, G. K. Jana. Fast dissolving tablet: As a potential drug delivery. *Drug invention today*, 2010, 2(2)130-133.
7. **B. Mishra**, S. Sahoo, P. K. Biswal, S. K. Sahu, B. C. Behera, G. K. Jana. Formulation and evaluation of torsemide intragastric buoyant sustained release microsphere. *Journal of Pharmaceutical Research*, 2010, 3(4), 742-746.
8. S. Mistry, P. K. Biswal, **B. Mishra**, S. Sahoo. Isolation, Characterization and Pharmaceutical evaluation of the mucilage from *Polyalthia suberosa* leaves. *International Journal of Pharm Tech Research*, April-June 2010. Vol.2, No.2, pp 1455-1459.

Conference Proceedings: Published as Abstracts

1. **B. Mishra**, J. Sahoo, P. K. Dixit. "Fabrication and process optimization of naproxen nanosuspensions through response surface methodology". 67th Indian pharmaceutical congress Mysore, December 2015.
2. **B. Mishra**, J. Sahoo, S. C. Dinda. "Formulation, Stabilization and Characterization of Cinnarizine Nanosuspensions for Improving Bioavailability". IAPST Calcutta - January 17-19, 2014.
3. **B. Mishra**, P.K. Biswal. N. R. Pani, M. R. Mahapatra. "Development and Characterization of aqueous HPMC-Polacrillin K Fast dissolving Films Plasticized with Polyol". 65th International Pharmaceutical Congress- New Delhi, 2013.
4. **B. Mishra**, J. Sahoo, S. C. Dinda, N. R. Pani, S. Sahoo. "Formulation, Optimization and characterization of stable Cinnarizine nanocrystal by precipitation-ultrasonication method". (2011 AAPS Annual Meeting and Exposition).

5. **B. Mishra**, S. Sahoo, B. B. Barik, N.R. Pani, S. K. Sahoo. "Design of Microemulsion-based formulation of liranafate for topical delivery". (2011 AAPS Annual Meeting and Exposition).
6. **B. Mishra**, P. K. Biswal, S. Sahoo, A. K. Mishra, S. S. Nayak. "Development, Characterization and Solubility study of Solid Dispersion of Pioglitazone HCl". AICTE Sponsored National Seminar in S.O.A University, PCS-046, Dec 2010.
7. **B. Mishra**, P. K. Biswal, S. Sahoo N. R. Pani, S. K. Mohapatra. "Selection of superdisintegrant for the development of fast dissolving tablet of Tramadol HCl". 62th International Pharmaceutical Congress, A 639, Manipal, 2010.
8. **B. Mishra**, N. R. Pani, S. K. Mohapatra, M. A. Ali, S. Sahoo. "Design, development and evaluation of sublingual tablet of Tramadol". 62th International Pharmaceutical Congress, A 530, Manipal, 2010.
9. **B. Mishra**, P. K. Biswal, S. K. Mohanty, S. Sahoo, B.Panda and S. K. Mohapatra, "Preparation of gelatin microspheres containing Diltiazem HCl – Effect of cross-linking on drug release". 1st Orissa Pharmaceutical Conference, PHP-27, 2010.
10. **B. Mishra**, P. K. Biswal, P. Mohapatra, S. Sahoo, S. K. Naik, "Intragastric Buoyant Microsphere of Pioglitazone: Formulation and In-vitro Evaluation". 1st Orissa Pharmaceutical Conference –PHP-26, 2010.
11. **B. Mishra**, P. K. Biswal, S. K. Panigrahi, S. B. Swain, S. Sahoo and B. C. Behera "Ondansetron Hydrochloride loaded Eudragit RS100 nanoparticles for sustained release". 1st Orissa Pharmaceutical Conference –PHP-25, 2010.
12. **B. Mishra**, P. K. Biswal, R. Karna, S. Mistry, S. N. Das, S. Sahoo. "Isolation, characterization and pharmaceutical evaluation of the mucilage from *Polyalthia Suberosa* leaves". 1st Orissa Pharmaceutical Conference –PGP-10, 2010.
13. **B. Mishra**, P. K. Biswal, S. Sahoo N. R. Pani, P. R. Mahapatra. "Formulation & evaluation fast disintegrating tablet of Tramadol HCl". AICTE Sponsored National Seminar in S.O.A University, PCS-044, Dec 2010.
14. **B. Mishra**, P. K. Biswal, N. R. Pani, H. Saxsena, S. Sahoo, M. R. Mahapatra. "Formulation & evaluation of Fast dissolving films of Lamotrigine". AICTE Sponsored National Seminar in S.O.A University, PCS-045, Dec 2010.
15. **B. Mishra**, P.K.Biswal, S.Pattanaik, S.K.Mohapatra, S.B.Swain, B.R.Behera. "Formulation development and in-vitro evaluation of Ibuprofen dispersible tablet" UGC/AICTE sponsored National seminar, PP-20, Berhampur, February 2008.

16. **B. Mishra**, P. K. Biswal, B. R. Behera, S. DasMohapatra, “Comparative spectrophotometrical analysis and microbiological assay of Levofloxacin from tablet dosage form”. International Pharmaceutical Congress- F 18, 2007.
17. **B. Mishra**, P. K. Biswal, S. K. Mohapatra, B. R. Behera, “Design, development and in-vitro evaluation of Ibuprofen gel for topical delivery”. International Pharmaceutical Congress- A 41, 2007.
18. **B. Mishra**, P. K. Biswal, D. K. Mohapatra, S. B. Swain. “Poloy (acrylic acid-coacrylamide) (AA-CO-AAM) nanoparticles for controlled delivery of anticancer drug Doxorubicin” AICTE sponsored National seminar, Berhampur, PO-19, July 2007.

Reviewer by Invitation/acted:

1. Invited Reviewer of **Carbohydrate Polymers** (Elsevier; Impact Factor: 4.074).
2. Invited Reviewer of **International Journal of Biological Macromolecules** (Elsevier; Impact Factor: 2.859).
3. Invited Reviewer of **Drug Delivery**, (Informa Healthcare, Taylor and Francis, impact factor 2.558).
4. Invited Reviewer of **Colloids and Surfaces B: Biointerfaces** (Elsevier; Impact Factor: 4.152).
5. Invited Reviewer of **Material science and Engineering C** (Elsevier; Impact Factor: 3.088).
6. Invited Reviewer of **Current Drug Delivery** (Benthamsience; Impact Factor: 1.478).
7. Invited Reviewer of **Biological science** (Benthamopen).
8. Invited Reviewer of **IJPPS** (innovareacademics).

Member of Professional bodies:

1. APTI Lifetime member-**OR/LM/165**
2. Orissa Pharmacy council- **17751**

(DR BIBASWAN MISHRA)

Last updated-30.08.2016