

CURRICULUM VITAE

Dr. Heera Battu

Contact: +91 9885022911 / +91 8978821234

E Mail: heera.tony@gmail.com



CAREER OBJECTIVE:

To associate with an organization that gives me opportunity to contribute my technical skills, academic skills for successful implementation of projects, and to improve my knowledge in latest technological trends and best practices for Formulation Research & Development or Quality Assurance.

PROFESSIONAL ABRIDGEMENT:

- Carried out studies in development of carrier-based drug delivery systems such as nanoparticles, microparticles, microemulsion for various applications.
- Holds fair Knowledge in drug formulation & development process with consideration to Quality Assurance.
- Hands-on experience and knowledge of ICH - Good Clinical Practice & Case Report Forms
- Endowed with a passion for winning as evinced through demonstrated excellence in the academic areas.
- Excellent communicator with effective logical thinking & interpersonal skills.

ACADEMIC CREDENTIALS

DEGREE	INSTITUTION	YEAR OF STUDY	SCORE
Ph. D	A.U. College of Pharmaceutical Sciences, Andhra University.	2013- 2018	Awarded
M Pharmacy	GIET School of Pharmacy, Rajahmundry.	2010-2012	CGPA 8.2 (Distinction)
B Pharmacy	GIET School of Pharmacy, Rajahmundry.	2006-2010	65%

TEACHING EXPERIENCE (09 Years till date)

- Working as **Course Coordinator & Assistant Professor (Ad-hoc)** in Adikavi Nannaya University College of Pharmaceutical Sciences, Tadepalligudem from **March 2020 to till date.**
- Worked as **Guest faculty (Teaching arrangement)** for B. Pharmacy and Pharm. D from **April 2018 to March 2020** in A.U. College of Pharmaceutical Sciences, Andhra University, Visakhapatnam.
- During Ph.D programme as a **Senior Research Fellow** has assigned to teach the classes for B. Pharmacy and Pharm. D for the academic year **2013-2018.**

PROJECT WORK

Doctor of Philosophy (Ph.D)

Title of the work:

Formulation and Biopharmaceutical Evaluation of Microemulsion based Transdermal Gels of Tapentadol Hydrochloride.

M. Pharmacy

Title of the work:

Charge Induced Poly (ϵ -Caprolactone) Nanoparticles Loaded with Anti-Neoplastic Drug.

ACHIEVEMENTS:

- Recipient of prestigious UGC grant of Rajiv Gandhi National Fellowship as Senior Research Fellow
- Recipient of DBT grant for travel support for attending 2014 AAPS Annual Meeting and Exposition AAPS Conventional Center 111 Harbour Drive San Diego California United States of America 02-11- 2014 - 06-11-2014.

PATENTS:

- Mr. Prashant Shankar Misal, Mr. Hemant Balu Bansode, Mr. Sukumar Maruti Lande, **Heera Battu**. Lyophilizer for drying of parenteral powder (*Patent No. 6296772 UK Design, Grant Date: 02-08-2023*) (<https://www.registered-design.service.gov.uk/find/6296772>).

SCIENTIFIC PUBLICATIONS:

- **Heera Battu**, Nimmathota Madhavi. “Effect of Tapentadol Hydrochloride Microemulsion Gel on Permeation and Kinetic parameters used for transdermal delivery. *European Journal of Pharmacology*. (Accepted yet to be publish).
- **Heera Battu**, Nimmathota Madhavi. A Short Consized Note of Current Trends and Future Prospects on Herbal Medicine. *Pharmacognosy Research, Res.*, 2023; 15(4): 1-8.
- **Heera Battu**, Nimmathota Madhavi. Development and validation of stability indicating HPLC method for estimation of Pyrizinamide in Plasma. *Journal of Pharmaceutical Negative results*, 2022; 13(10): 3186-3191.
- G. Shravani, **Heera Battu**, Ayesha Kumar, Satvika, Uday. Tridax Procubens: A multi purpose weed. *Neuroquantology*, 2022; 20(15): 5176-5181.
- Parvathaneni Madhukiran, **Heera Battu**, Sudhakar Beeravalli. Design. A Review on Hot Melt Extrusion coupled Novel Drug Delivery Systems. *Journal of Drug Delivery and Therapeutics*, 2022; 12(5): 201-207.
- **Heera Battu**, Nimmathota Madhavi, K. Nithyianand Reddy. Design, Development and In vitro Assessment of Flurbiprofen Microemulsion Gel for Transdermal Drug Delivery. *Journal of Pharmaceutical Research International*, 2022; 34(46A): 67-76.
- **Heera Battu**, Mecca Subhakaram and Nimmathota Madhavi. Comparing the therapeutic efficacy of transdermal patches of ketoprofen with that of fentanyl in pain control in post operative patients other than spine surgery: A case report. *Asian Journal of case reports in Medicine and Health*, 2022; 7(4): 13-20.
- **Heera Battu**, Konda Jeevitha, Jayanti Vijaya Ratna. Bio-analytical method development and validation of tapentadol hydrochloride in rat plasma by RP-HPLC. *International Journal of Current Advanced Research*, 2020; 9(1): 863-866.

- Battu Ganga Rao, Palepu Samyuktha, Devarakonda Ramadevi, **Heera Battu**. Review of Literature: Phyto Pharmacological Studies on *Pithecellobium Dulce*. *J.Global Trends Pharm Sci*, 2018; 9(1): 4797-4807
- Battu Ganga Rao, Anupaju Asha Naga Sai, Devarakonda Ramadevi, **Battu Heera**. Phytochemical and Biological Studies on *Leucas Aspera*. *J. Global Trends Pharm Sci*, 2018; 9(1): 4926 – 4930.
- Battu Ganga rao, Bobbili Sasi Rekha, Devarakonda Ramadevi, **Heera Battu** Phytochemical and Pharmacological studies on *Jatropha Gossypifolia*. *J.Global Trends Pharm Sci*, 2018; 9(1): 4978 – 4986.
- Battu Ganga Rao, K Jeevitha, Devarakonda Ramadevi, **Heera Battu**. Review of literature : Phyto Pharmacological studies on *Thespesia Populnea*. . *J.Global Trends Pharm Sci*, 2018; 9(1): 4787 – 4792.
- Rao BG, Reddy SJ, Ramadevi D, **Heera B**. Phytochemical and Pharmacological studies on *Pongamia Pinnata*. *Paripex Indian Journal of Research*. 2018; 14;7(2): 489-492.
- Ganga Rao Battu, K Jeevitha, **Heera Battu**, Bommasani Javali. Review of literature: Phytochemical and Pharmacological studies on *Muntingia calabura*. *Journal of Global Trends in Pharma Sci*, 2018, 9(1): 5020-5025
- Battu Ganga Rao, Dodda L. N. Rajeswari, Devarakonda Ramadevi, **Heera Battu**. Phytochemical and Pharmacological studies on *Wrightia Tinctoria*. *World Journal of pharmacy and Pharmaceutical Sciences*, 2018, 7(4): 562-585
- Konda Jeevitha, **Heera Battu**, Dharmasoth Ramadevi and Ganga Rao Battu. Phytochemical Analysis and In Vitro Anti-Cancer Activity of Fruit Extract of *Thespesia Populnea* against Hela and K562 Cancer Cell Lines. *World Journal of Pharmaceutical Research*, 2018; 7(11): 846-854.
- S Nandhakumar, MD Dhanaraju, **B Heera**, VD Sundar. Influence of Surface Charge on the In Vitro Protein Adsorption and Cell Cytotoxicity of Paclitaxel loaded Poly (E-Caprolactone) Nanoparticles. *Bulletin of Faculty of Pharmacy, Cairo University*. 2017; 55(2): 249-58.
- Bhavani Boddeda, J Vijaya Ratna, **Heera Battu**. A Review on Mucoadhesive Polymers in Ophthalmics. *Int. J. Pharm. Sci. Rev. Res*, 2014; 24(1): 237-245.
- S. Ramchandran, M. Vamsikrishna, K.V. Gowthami, **B Heera**, M D Dhanaraju. Assessment of Cytotoxic Activity of Agave Cantula using Brine Shrimp (*Artemia salina*) Lethality Bioassay. *Asian Journal of Scientific Research*, 2011; 4 (1): 90-94.

BOOK CHAPTER

- **Heera Battu**, N. Madhavi, Mecca Subhakaram. A Case Report on Comparative Therapeutic effect on Transdermal Patches of Ketoprofen with that of Fentanyl in Pain Control. 2022: 60-72. Publisher- B P International. Print ISBN: 978-93-5547-895-5, eBook ISBN: 978-93-5547-896-2.

CONFERENCES/PRESENTATION

- Importance of Novel Drug Delivery systems in Herbal Medicine, Conference on Pharmacy and Pharmaceutical Sciences held at GITAM School of Pharmacy, in August 05, 2022, Hyderabad. Telangana.
- Design and Statistical Optimization of Bromfenac Sodium Thermosensitive In Situ Gel for Ocular Delivery, AAPS Annual Meeting and Exposition held in October 25-29, 2015 in Orlando, State of Florida United States of America.
- Design and Statistical Optimization of Bromfenac Nanoparticles for Ocular Drug Delivery, AAPS Annual Meeting and Exposition held in November 2-6, 2014 in San Diego, United States of America.
- Ibuprofen loaded Nanosuspension for the ophthalmic controlled delivery, 65th Indian Pharmaceutical Congress held at Amity University, New Delhi.
- Wound healing effect of Aristolochia indica, 59th Indian Pharmaceutical Congress held at New Delhi.

AWARDS

- Awarded **Best Teacher Award 2022** (Adarsha Vidya Saraswati Rastritya Puraskar 2022) by Glacier Journal Research Foundation.
- Awarded with the **Title Top 100 Professors 2022 India** by Indian Education Awards 2022.

MEMBERSHIP

- Life time member for Association of Pharmaceutical Teachers of India (APTI).
- Life time member to the editor board of Glacier Journal Research Foundation.

INDUSTRIAL TRAINING – B. Pharmacy

Organization: Vivimed Laboratories Pvt Ltd., Hyderabad.
Duration: 2 Months
Description: Pharmaceutical Processing Methodologies of Tablets & Capsules dosage forms.

KNOWLEDGE PURVIEW

Instruments: Tablet Punching Machine of 8 Stages, Dissolution Apparatus, UV Spectroscopy, Probe Sonicator, Homogeniser.

TECHNICAL SKILLS

MS Office Tools, Documentation and Strong Record keeping.

EXTRAMURAL ACTIVITIES:

- Worked as **Member of Local Organizing Committee** of 24th Annual convention and National conference of Society of Pharmacognosy 2020 held at VJ's College of Pharmacy, Rajahmundry.
- Worked as **Chairman LOC Office committee of 68th IPC** held at A.U College of Pharmaceutical Sciences, Visakhapatnam.
- Worked as **On Special Duty Officer to Chairman of 66th IPC** held at Hyderabad.
- **Co Chairman** for Accommodation and Transport committee in 19th Annual Convention and 2nd International Conference of Society of Pharmacognosy-2015 held

in Visakhapatnam.

- **Member in Scientific committee** for 18th Annual National Convention of Association of Pharmaceutical Teachers of India (APTICON-2013) held in Rajahmundry.
- As a Member of **PORTER** (Progressive organization for Rehabilitation, Training, Education and Research) a nongovernment organization, organised Medical Camps in Tribal Areas.
- Organised Blood Donation and Free Eye Check - Up Camps as the Treasurer of Yuva Youth organisation, Rajahmundry.
- Actively participated in Health awareness programmes organised by Andhra University Pharmaceutical Department Andhra University, under supervision of Prof J Vijaya Ratna.

PERSONAL DETAILS:

Name: Heera Battu
Date of Birth: 25th August, 1988.
Permanent Address: D. No. 4-327,
Navabharat Nagar
Road no: 10.
Bommuru.
Rajahmundry - 533124,
East Godavari District,
Andhra Pradesh.

DECLARATION

I hereby declare that all the information furnished above is true and complete to the best of my knowledge


(HEERA BATTU)