# LABORTORY MANUAL OF PHARMACEUTICS – I

# Author Ms. ANKITA TRIPATHI

(Assistant Professor, Department of Pharmacy)
IIMT College of Pharmacy
G.Noida, (UP), INDIA

## **Editors**

<sup>1</sup>Mr. Raj Kumar Mishra, <sup>2</sup>Mr. Meenakshi Bhardwaj, <sup>3</sup>Mr. Farheen Shareef, <sup>4</sup>Dr. Sarthak,

<sup>1</sup>Assistant Professor – II, <sup>2,3</sup>Assistant Professor <sup>4</sup>Director, <sup>1,2,3,4</sup>Department of Pharmacy IIMT College of Pharmacy G.Noida, (UP), INDIA

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## **PREFACE**

The purpose of laboratory techniques in Pharmaceutics is to develop a scientific foundation for the formulation and evaluation of drugs. In this manual, an attempt has been made to acquaint the undergraduate pharmacy student with the experimental approach to the science of Pharmaceutics.

As the medical education is shifting from discipline-based learning to problem-based learning, simultaneous learning and training on various systems and diseases of the body become mandatory. The extent and magnitude of development in medicine necessitate upgrading the scientific knowledge.

I hope that this laboratory manual will meet the expectations of the pharmaceutics faculty and students and they will continue to give their valuable inputs in improving the practical book further in subsequent printings and editions.

Ms. Ankita Tripathi

# **ACKNOWLEDGEMENT**

MOM, DAD... This is for you!!!

It gives me immense pleasure to publish my book titled "Laboratory Manual of Pharmaceutics".

It takes a village to write and release a book, and I am so fortunate to have such an incredible team behind me.

I am eternally grateful to my mother Mrs. Manju Tripathi and father Dr. S.K. Tripathi, for constantly encouraging and supporting me during this entire time. And a big thank you to my awesome brothers Gaurav and Saurav and my amazing sister Kiran, for having my back, supporting, encouraging, helping, chatting and being there. Thank you for the trust you have in me and all your efforts to ensure I succeed in the path that I have chosen to tread.

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My beta readers are unmatched, they are discerning, thoughtful crew and never let me get away with anything.

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Thankful I ever remain.

Ms. Ankita Tripathi

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Dedicated to our beloved Family Members and Friends