

## PHARMACEUTICAL ENGINEERING

The book has been designed for graduates pharmacy students as per the Syllabus prescribed by Pharmacy Council of India (PCI). This book contains essential information that students gathered knowledge and prepare for competitive as well as semester examination. Its primary objective is to provide knowledge about various unit operation which helpful for formulating a dosage form. This textbook has been written in easy language to ensure a lower reading level and understandable contents than ever. This book covers all major unit operation topics.

This book contains 11 chapters, each providing a description of various unit operation like Flow of Fluids, Size Reduction, Size Separation, Heat Transfer, Evaporation, Distillation, Drying, Mixing, Filtration, Centrifugation, Materials of Pharmaceutical Plant Construction, Corrosion and its Prevention.



**Dr. Dhaneshwar Kumar Vishwakarma** working as HOD at Kailash Institute of Pharmacy and Management, GIDA, Gorakhpur, Uttar Pradesh (formerly worked at Kalka Institute of Pharmacy and Management, Paratapurbypass road Meerut, Uttar Pradesh) and having more than 14 years academic and administration experience. He had qualified GPAT (2011) and more than 25 National and International research papers published till date. With his profound knowledge in pharmaceuticals, he has guided nearly 100 undergraduate and more than 10 postgraduate students. Students can also get broad knowledge through the YouTube channel (DKV pharmaguidance), in which more than 200 videos related to pharmaceuticals, pharmaceutical engineering and Biopharmaceutics are available.



**Dr. Jai Narayan Mishra** working as Director at Kailash Institute of Pharmacy and Management, GIDA, Gorakhpur, Uttar Pradesh (previously worked at KNIMT Sultanpur and Rajarshi Ranajay Singh College of Pharmacy, Amethi, Uttar Pradesh) and having more than 15 years academic and administration experience. More than 100 national and international research papers were published in various magazines and journals of India and abroad. His wide knowledge has guided nearly 400 undergraduate and more than 20 postgraduate students.



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PHARMACEUTICAL ENGINEERING

Dr. D. Vishwakarma  
Dr. J.N. Mishra



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# PHARMACEUTICAL ENGINEERING

As per the Latest Syllabus of Pharmacy Council of India

**Dhaneshwar Kumar Vishwakarma  
Dr. Jai Narayan Mishra**

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The book has been designed for pharmacy students as per the new syllabus (ER-2020) prescribed by Pharmacy Council of India (PCI). This book contains essential information that students gathered knowledge for formulation various dosage forms and prepare for competitive as well as annual or semester examination. Its primary objective is to provide knowledge about various formulation aspect which helpful for formulating a dosage form. This textbook has been written in easy language to ensure a lower reading level and understandable contents than ever. This book covers all major pharmaceuticals dosage forms formulation.

This book contains many chapters, each providing a description of various dosage forms formulation and like syrup, suspension, emulsion, cream, ointment, lotion, lineaments, gel, tablets capsule, dusting powder, effervescent powder, injection, cosmetic preparation, evaluation of tablets, capsule, emulsion, parenteral products, and use of insulin pen, inhalers and spacer.



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(According to the PCI new Syllabus as per ER-2020) D. PHARM - FIRST YEAR

Mr. D. K. Vishwakarma  
Dr. Jai Narayan Mishra



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**D. PHARM - FIRST YEAR**



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**SOCIAL PHARMACY**



# SOCIAL PHARMACY

As per new syllabus of PCI-ER 2021

**PRİYANKA MAURYA**  
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