



Vivek Dhawan

M. Pharm, PhD (Tech.)

Assistant Professor

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TECHNICAL SKILLS

Formulation Design and Development for oral and parenteral route of administration

Design of targeting ligands. Bio-conjugations using phase transfer catalysts

Physical characterization and dissolution testing of formulations

Solid state characterization, QbD using DOE, excipient screening and stability evaluation.

PK studies, organ isolation and cell culture techniques.

EDUCATION

B. Pharm

Bombay College of Pharmacy (2005 – 2009)

M. Pharm

Bombay College of Pharmacy (2009 – 2012)

Ph. D (Tech.)

Bombay College of Pharmacy (2012 – 2016)

RESEARCH EXPERTISE

- Design of novel biomolecules and bioconjugations
- Targeted drug and gene delivery
- Nanomedicine
- Bioavailability enhancement

Publications: 13

Book Chapters: 4

Presentations: 10

<https://scholar.google.co.in/citations?user=aQsZAngAAAAJ&hl=en>

Government grant: NA

Industrial projects / consultancy: 1

M. Pharm students guided: NA

Ph. D students guided: NA

EXPERIENCE

Academic: 2 years

Industrial: 1.8 years

TEACHING FIELDS

- Physical Pharmacy
- Dosage form design, Pharmaceutics
- Pharmaceutical Engineering
- Pharmaceutical Jurisprudence

RECOGNITIONS & HONORS

- The Professor M. L. Khorana Memorial Prize by University of Mumbai, India, for securing second highest marks in final year B.Pharm examination, 2009
- Dr. M.K. Rangnekar Memorial Scholarship by University of Mumbai, India, 2009.
- First Prize for research work "Ligand Targeted Delivery Systems for Liver Cancer Therapeutics" at State Inter-University Research Convention, 2014.
- Mobility grant from Academy of Finland, October 2012 – February 2013.
- ICMR-BMBF Fellowship - October 2015