



Dipti Gatne

M. Pharm, Ph. D (Pharm Sci.)

Associate Professor

Department of Pharmaceutical Analysis

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TECHNICAL SKILLS

Investigation of angiogenic and anti-angiogenic activity using Chorioallantoic membrane assay (CAM)

Development of UV based and high throughput multi-well plate assays

Spectroscopic analysis, Drug interaction studies

Drug design using molecular modelling softwares, Microwave synthesis

Mechanism based Antimalarial activity testing

EDUCATION

B. Pharm

Bombay College of Pharmacy, Mumbai University (1999-2003)

M. Pharm

Bombay College of Pharmacy, Mumbai University (2004-2006)

Ph. D (Pharm Sci)

SPP School of Pharmacy & Technology Management, SVKM's NMIMS (2007-2011)

RESEARCH INTERESTS

- Angiogenesis and Anti-angiogenesis activity of molecules of synthetic and natural origin
- Studies on Anti-malarial activity of molecules
- Natural product analysis
- Computer aided molecular design

Publications: 3 Book Chapters: 3 Presentations: 3
<https://scholar.google.co.in/citations?user=eHGoeucAAAAJ&hl=en>

Government grant: 01 Industrial projects / consultancy: 01
M. Pharm students guided: 20 (major project), 16 (minor projects)
Ph. D students guided: --

EXPERIENCE

Academic: 11 years

Industrial: 1.5 years

TEACHING FIELDS

Organic Chemistry, Pharmaceutical Chemistry, Pharmaceutical Analysis, Drug Design, Drug Evaluation Techniques, Advanced Medicinal Chemistry, Chemoinformatics, Pharmacopoeial testing, Quality control and quality assurance, Approaches to analytical method development, Structure elucidation

RECOGNITIONS & HONORS

- Scholarship from German Chemical Society - Gesellschaft Deutscher Chemiker (GDCh), Germany in 2010
- Training on Discovery of New Drugs Against Malaria at International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi in 2015
- Travel grant from Department of Biotechnology in 2010