



## About SVKM's Dr. BNCP

SVKM's Dr. Bhanuben Nanavati College of Pharmacy is one of the topmost Pharmacy Institutes in the State of Maharashtra situated at Vile Parle (West), Mumbai. The college conducts B. Pharm, M. Pharm (with specializations in Pharmaceuticals, Quality Assurance and Pharmacology) and Ph. D. Courses in pharmaceutical chemistry and pharmaceuticals.

The B. Pharm. Programme of the college is accredited by NBA for 5 years (2017-2022). The college is ranked 32nd in All India Pharmacy Colleges by NIRF Ranking, 2018. We have received the AICTE-CII award for Best Industry-linked Pharmacy institute for the year 2017 & 2015 and Platinum Category as per 2016 Survey. The institute has won the Best College trophy Six times in a row at the Rx Festival, an intercollegiate competition (technical and nontechnical events) organized by IPA-MSB. Since its genesis in 2004, the college has grown and achieved success in academic and extra-academic activities.

The college has strategically planned curriculum and activities that match with its vision of being recognised as a top institute of pharmaceutical sciences in the country which develops professionally competent and socially sensitive individuals who cater to the needs of higher pharmacy education, research and industry. BNCP has identified gaps in the curriculum and has taken the initiative of offering Add-on courses to its students that contribute to skill enhancement and increases their employability.

## Patrons

### Shri Amrishbhai Patel

President, Shri Vile Parle Kelavani Mandal

### Shri Jayesh Choksi

Chairman, Gufic Biosciences Limited

Mentor, BNCP

## Convener

### Dr. Munira Momin

Principal & Professor

## Organizing secretary

### Dr. Tabassum Khan

Contact No. 9892475606

## Contact details

### Organizing Committee:

Dr. Arati Prabhu

Contact nos.

9820890221

Ms. Vasanti Suvarna

9769000615

Dr. Atul Sherje

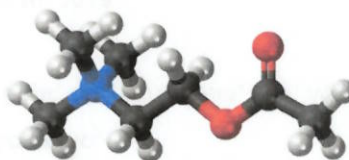
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Dr. Kavatkumar Patel

9920212902

Dr. Bhushan Dravyakar

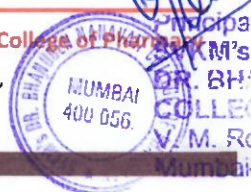
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## Venue

201, SVKM's Dr. Bhanuben Nanavati College of Pharmacy

Gate No. 1, SVKM Campus, V. M. Road,  
Vile Parle (W), Mumbai- 400 056



Shri Vile Parle Kelavani Mandal's  
**Dr. Bhanuben Nanavati**  
College of Pharmacy



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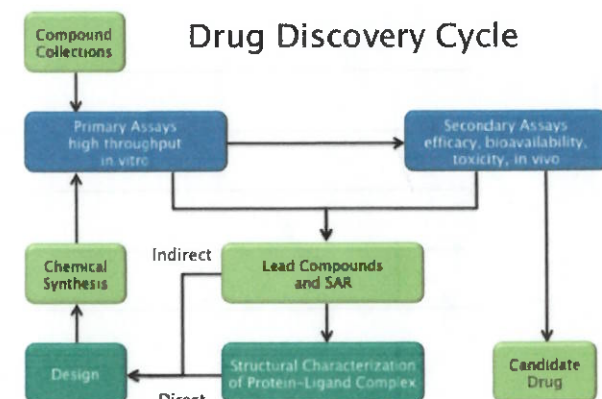
Two Days Workshop

on

**Rational Drug Design: Fundamentals,  
Pitfalls and Way Ahead**

May 18- 19, 2018

(An IQAC Activity)



\* B. Pharm. Programme Accredited by NBA for 5 years (2017-2022)

\* Ranked 32<sup>nd</sup> in All India Pharmacy Colleges by NIRF, MHRD, Government of India Rankings 2018

\* Best Industry-Linked Pharmacy College (Degree) Award by AICTE-CII Survey 2017 & 2015

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## Objectives of the workshop

- Sensitize the teachers and research scholars (PG and PhD) to fundamentals and current approaches in rational drug design.
- Deliberate on the pitfalls, key watch-outs in drug design and discovery .
- Overview of preparation of research project proposals for submission to funding agencies.
- Networking with peers and seniors to pursue research in drug design and discovery.
- Discuss case studies related to Drug design and discovery .
- Provide an intellectual forum for students, faculty and research scientists from pure sciences and pharmaceutical sciences to present and share their research and gain useful insights and new directions for further research.



## Who can attend ?

- Teachers and research scholars (PG and PhD) in the faculty of Pharmaceutical Sciences, Basic Sciences, and Life Sciences.

## Distinguished Speakers

**Day 1: May 18, 2018**

### Rational Drug Design: Fundamentals, Pitfalls and Way Ahead

Dr. Evans Coutinho,  
Professor, Dept. of Pharm Chem, BCP, Mumbai

**Day 2: May 19, 2018**

### Rational Drug Design: Case studies

- Dr. Santosh Nandan, MD, Ambernath Organics Ltd. Mumbai
- Dr. Mariam Degani, Professor, Dept. of Pharm Chem, ICT, Mumbai
- Dr. Smriti Khanna, Scientist, Computational Division, BASF, Mumbai
- Dr. C.S. Ramaa, Professor, Dept. of Pharm Chem, BVP, Mumbai



## Registration Fees

Faculty	500.00
Students	300.00
Industry Delegates	1000.00

**Registration fees does not include meals.**

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Two Days Workshop  
on

## Rational Drug Design: Fundamentals, Pitfalls and Way Ahead

May 18– 19, 2018  
(An IQAC Activity)

## Registration Form

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Payment details-

DD/ Cheque No.: \_\_\_\_\_ Amount: \_\_\_\_\_

Phone no: \_\_\_\_\_

E. mail: \_\_\_\_\_

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Signature of HOD/Principal: \_\_\_\_\_

Stamp/ Seal of the institute: \_\_\_\_\_



*A. P. Nandan*  
Principal  
SVKM'S  
INSTITUTE OF INFORMATION TECHNOLOGY  
MUMBAI

Note: The scanned copy of registration form will be accepted.  
E-mail at- [bncp.conference@gmail.com](mailto:bncp.conference@gmail.com)



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### Two days workshop on Rational Drug Design: Fundamentals, Pitfalls and Way Ahead- A report

SVKM's Dr. Bhanuben Nanavati College of Pharmacy organized a two days workshop (an IQAC activity) entitled "Rational Drug Design: Fundamentals, Pitfalls and Way Ahead" on May 18-19, 2018. This workshop was planned with the objective of providing a seeding forum of intellectual deliberations and insights into the theory, fundamentals and new developments in the field of Rational Drug Design supported by case studies. We had an audience of about 20 delegates (teachers and research scholars) from various pharmacy colleges of Mumbai. This event had an elite list of resource persons that included senior scientists from academia and industry who shared their experiences with the delegates.

The first day commenced with a welcome address by Dr. Munira Momin, Principal & Convener. It encompassed detailed sessions on basic concepts and theory of Rational Drug Design conducted by Dr. Evans Coutinho, Professor & HOD, Bombay college of pharmacy, Mumbai. He deliberated on Quantum mechanical calculations, molecular mechanics, conformational analysis, genetic algorithms and computer simulations. The audience immensely appreciated his sessions.


The pre-lunch session on the second day focussed on deliberations and case studies presented by scientists in various areas of pharmacy research. Dr. Santosh Nanadan, Managing Director, Ambernath Organics, Mumbai shared his experience on design of anti-infective agents and highlighted the pitfalls in designing NCEs with anti-infective activity. Dr. Mariam Degani, Professor, Pharm Chem & Head, Dept. of Pharma Sci. & Tech., ICT, Mumbai shared her research on design and development of anti-tubercular agents. She specifically highlighted what worked for them and what did not work in their research endeavors in tuberculosis. Both pre-lunch sessions were highly interactive with the delegates posing versatile questions to the resource persons.

The post-lunch session on the second day focussed on case study presented by Dr. C.S. Ramaa, Professor & Vice-Principal, Bharti Vidyapeeth college of pharmacy, Mumbai. She shared her experience of design and development of anticancer agents targeting versatile pathways. She emphasized the role of collaborators upfront in the research protocols to achieve good results and outcomes. The last session of the second day was conducted by Dr. Arati Prabhu, Associate Professor, BNCP. She shared her research work on design and development of NCEs for COPD. Her talk gave useful insights into how industry takes up research versus academic research. Both were interactive with the resource persons entertaining questions from the delegates. The two days workshop ended with a vote of thanks proposed by Dr. Tabassum Khan.

Prepared by

  
Dr. Tabassum Khan  
May 27, 2018



  
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*Bhanuben*



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*Pravin*



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**Event Name: Workshop on Rational Drug Design: Fundamentals, Pitfalls and Way ahead**

**Date: 18-05-2018 to 19-05-2018**

**No. of Participants:20**

Sr. No.	Name of Participants
1	Chasmawala Saqlain
2	Chheda Priyank
3	Deshpande Gauraja
4	Deshpande Tanvi
5	Dsouza Darren
6	Gami Nikunj
7	Gawde Tanvi
8	Gupta Barkha
9	Jadhav Tejal
10	Jain Yankita
11	Jaiswar Rakhi
12	Joshi Saylee
13	Kamath Shraddha
14	Kamble Yogesh
15	Kanekar Devesh
16	Kesariya Dharmistha
17	Khan Sana
18	Kumari Pragya
19	Lad Nameeta
20	Mehta Beejal



*[Signature]*  
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