

# RBVRR WOMEN'S COLLEGE OF PHARMACY



Approved by PCI, Recognized Under Section 2(f) By UGC, Affiliated to  
Osmania University, Barkatpura Hyderabad



Invites you to

## Hybrid Mode- Faculty Development Programme

On

### “Innovative Strategies in Drug Discovery and Therapeutics”



22<sup>nd</sup> -27<sup>th</sup> April 2024

Mode: Through Google  
Meet

#### Who can apply:

Faculty members from Pharmacy and  
different disciplines.

Number of participants:

Maximum to **50 participants**

*On first come first serve basis*

Registration link:

<https://forms.gle/iw7tKKSCvpng9o6m7>

Registration Fee- **800/- Spot-1000/-**

Last Date of registration  
on/ before **20<sup>th</sup> April 2024**

#### Payment Details

G-pay No: **+91-9441289248**



Further information Please contact:

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**PATRON**

**Prof. K. Muthyam Reddy**

Hon. Secretary & Correspondent

**CONVENER**

**Prof. M. Sumakanth**

Principal, RBVRRWCP

## About the College

The College was established in the year 2006 by the "Hyderabad Mahila Vidya Sangham" to provide education to girl students. The college is self-financed, approved by PCI, and affiliated to Osmania University. The College is organizing seminars, guest lectures and workshops in various disciplines which is a continuous process to impart knowledge and skills necessary for Pharmaceutical Education, Research and Development

## Vision

To be a national Women Pharmacy professional leader in transforming lives through innovative, vigorous and compassionate approach to Pharma education



## Mission

RBVRRWCP preparing and empowering girl students by providing continuous awareness programmes to succeed in changing world apart from regular curriculum

## About the FDP

FDP is a skill development program specially designed for academic educators and focuses on exploring and implementing innovative approaches to discover and develop new drugs and new therapeutic approaches

### Objectives:

1. To familiarize participants with the latest advancements and trends in drug discovery and therapeutic innovations.
2. To empower educators with the knowledge and tools to integrate innovative teaching methodologies related to drug discovery and therapeutics into their academic curriculum.
3. To facilitate networking opportunities with industry experts, researchers, and practitioners to gain insights into real-world applications of innovative drug discovery strategies like finding the right biological target, designing a small molecule, and improving the success rate.
4. To provide participants with updated knowledge and understanding of innovative strategies in therapeutics, including engineered cell therapies, gene therapy *etc.*
5. To overview of new strategies in both drug discovery , development and therapeutics.

# PROGRAMME SCHEDULE

## DAY 1: 22<sup>nd</sup> April 2024

- 10.30 AM – 11.30 AM: **Welcome address**
- 11.30 AM – 1.00 PM: **Lecture - 1**  
**Development of Natural Products Inspired Cancer Therapeutics**  
**Dr. Ahmed Kamal**  
Senior Professor, Emeritus  
Department of Pharmacy,  
BITS- Pilani, Hyderabad
- 1.00 PM-2.00 PM: **Lunch Break**
- 2.00PM- 3.30 PM: **Lecture - 2**  
**Role of artificial Intelligence in Pharmaceutical research**  
**Dr. Gopalakrishnan Bulusu**  
Adjunct Professor,  
IIIT-Hyderabad

## DAY 2: 23<sup>rd</sup> April 2024

- 10.30 AM - 12.00 PM: **Lecture - 3**  
**Enhancing the therapeutic potential of Anti-diabetic therapies by Nanotechnology: Case study of a small molecule drug and a peptide**  
**Dr. Anupama Mittal**  
Associate Professor  
Department of Pharmacy,  
BITS- Pilani, Hyderabad
- 12.00 PM – 1.30 PM: **Lecture - 4**  
**Modern Trends in Drug Development towards Commercialization**  
**Dr. K.V. Ramana Murthy**  
Senior Professor, Retired Principal,  
AU College of Pharmaceutical Sciences Andhra University
- 2.00 PM- 3.30 PM: **Lecture - 5**  
**Hot melt extrusion**  
**Prof. Srinivas Mutalik**  
Principal,  
Manipal College of Pharmaceutical Science

## DAY 3: 24<sup>th</sup> April 2024

- 10.30 AM - 12.00 PM: **Lecture - 6**  
**From Concept to Market: A Comprehensive Approach to Regulatory and Quality Management driven Drug Development and commercialization**  
**Dr. P. S. Maruthi Sai**  
Freelancer consultant for Pharmaceutical companies.
- 12.00 PM – 1.30 PM: **Lecture - 7**  
**Unraveling Pharmacogenomics: Personalized Medicine in Clinical Trials**  
**Mr. C. S. Mujeeb uddin**  
Founder and CEO of ClinoSol research
- 2.00 PM- 3.30 PM: **Lecture - 8**  
**Future Pharmaceuticals**  
**Dr. K.V.V.Satyanaryana reddy**  
Assistant Professor,  
Department of Pharmaceutics,  
JSS College of Pharmacy, Ooty.

## DAY 4: 25<sup>th</sup> April 2024

- 10.30 AM - 12.00 PM: **Lecture- 9**  
**Integrating Chemistry with Biology & IT: Towards a disease-free Planet**  
**Dr. B.Jayaram**  
Mentor,  
Supercomputing Facility for Bioinformatics & Computational Biology(SCFBio), IIT Delhi
- 2.00 PM- 3.30 PM: **Lecture - 10**  
**Opportunities and Challenges in Pharmacy Practice Research**  
**Dr. Sonal Sekhar M**  
Associate Professor,  
Dept. of Pharmacy Practice,  
Manipal College of Pharmaceutical Sciences.

## DAY 5: 26<sup>th</sup> April 2024

- 10.30 AM - 12.00 PM: **Lecture-11**  
**Artificial Intelligence based methods for designing protein therapeutics**  
**Prof. G.P.S. Raghava**  
Department of computational Biology,Indraprastha Institute of Information Technology(IIT), New Delhi
- 12.00 PM – 1.30 PM: **Lecture - 12**  
**Insights into the Materiovigilance Programme of India**  
**Dr. Krishna Undela**  
Assistant Professor,  
Department of Pharmacy Practice,  
NIPER- Guwahati
- 2.00PM- 3.30 PM: **Lecture - 13**  
**Recent Advances in Cancer Management.**  
**Dr. Uday Chavan**  
M.S, M.C.H(Surgical Oncologist) Managing Director  
CHAVAN HOSPITAL

## DAY 6: 27<sup>th</sup> April 2024

- 11.00 AM - 12.30 AM: **Lecture-14**  
**TOR behind the Scenes**  
**Dr. Santosh Kumar Guru**  
Assistant Professor,  
Department of Biological Sciences,  
NIPER- Hyderabad
- 1.00 PM-2.00 PM: **Lunch Break**
- 2.00 PM- 3.30 PM: **Lecture - 15**  
**Application of hyphenated techniques in the characterisation of molecules**  
**Dr. K.M.V. Narayana Rao**  
Analytical R & D Head,  
GVK Biosciences, Hyderabad

Valedictory & Vote of Thanks