



G. Pulla Reddy College of Pharmacy

Mehdipatnam, Hyderabad

Affiliated to Osmania University and Approved by PCI & AICTE


Accredited By National Assessment and Accreditation Council (NAAC)



Five Day National Level FDP on " Experimental Techniques in Drug Discovery Process and Hands on Training-2023" 13th-17th Feb,2023

Department of Pharmacology, Organized five days FDP from 13th Feb to 17th Feb 2023. The program was inaugurated by Chief Guests **Dr. Kiranam Chatti** Head, Principal, Research Scientist Dr. Reddy Institute of life Sciences, HCU, Hyderabad, **Mr.Shankara Narayanam** J Director Zeus Hygia Life Sciences Pvt Ltd, Balanagar, Hyderabad, **Dr. B.Madhavareddy** Principal GPRCP, **Dr. B. Veeresh**, Professor Head Dept. of Pharmacology, GPRCP and **Dr. CR Patil** Professor and Head Department of Pharmacology R C Institute of Pharmaceutical Education and Research by Lighting the Lamp. **On Day 1**, **Dr. CR Patil** demonstrated the recording of invasive Blood Pressure in rats. Dr. R. Padmavathi, professor, demonstrated carotid artery ligation in rats. **Dr. A. Lalitha Devi**, Associate Professor GPRCP demonstrated Sciatic nerve ligation in rats. Participant also Practiced the experiments under the supervision of experts. **On Day 2**, **Mrs.Nazia Begum** and **Miss. K. Manipriya**, Research Scholars, GPRCP demonstrated evaluation of Estrus cycle in rats. All the Participants also practiced the procedures. **Mr. Y.Sreehari** and **Mr.G.Sarvankumar**, Assistant Professor GPRCP explained the procedures followed in Handling, maintenance, and breeding techniques of Zebrafish. **On Day 3**, **Dr. Shankar G Alegoan**, professor, and Head Dept. of Chemistry, KLE college of Pharmacy, Belagavi gave hands on training on molecular docking tools for identifying molecular targets. **Dr. Naseebbasha Shaik**, Associate Professor, GPRCP, Dept. of Pharmaceutics, explained computational tools used in data analysis. **Dr. Veeresh B** demonstrated the application AOT 425 software for calculating Acute oral Toxicity. **On Day 4**, **Mr.Ashok**, statistical programmer, and **Mr. Tarun rache**, Clinical Data Analyst, Lab corp. Drug Development, Hyderabad, trained participants using the Clinical SAS application. They also explained the importance of using the Clinical SAS Software application in the interpretation of data. **Mr. Sanjay R Ugare**, senior assistant professor of Dept. of Pharmacology, KLE college of Pharmacy Belgavi, explained network pharmacology and its application in understanding the Molecular mechanism of actions of traditional drugs. **On Day 5**, **Dr. K. Latha**, Professor, and Head Department of Pharmaceutics gave hands on training in Pharmacokinetic data Analysis using online tools. **Mr. Raghavender Medishetti**, senior

Research Associate , Dr. Reddy's institute of Life sciences, Hyderabad gave live demonstration of handling zebra fish and explained the drug administration procedures of oral and Intraperitoneal route. The 5 days FDP concluded with the Valedictory Function at 5 PM. Principal appreciated all the resource persons with mementos and certificates. All the Participants presented with the Participation certificates. Few participants shared their overall learning experience during the five day FDP. Also, they requested the principal to take the initiative to conduct a few more FDPs. Dr.Veeresh B presented vote of thanks, and he appreciated all the participants for their constant enthusiasm in learning new skills during the period of FDP. He thanked students, teaching, Principal and management for their continuous support in conducting FDP. He appreciated nonteaching staff members P.Mahender and G. Linganna for their assistance during FDP. FDP was co-ordinated by Dr. Veeresh B, Dr. R. Padmavathi, Dr. A. Lalitha Devi, Mr. Y. Sreehari and Mr. Sarvankumar Dept. of Pharmacology.


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G. Pulla Reddy College of Pharmacy
Mehdipatnam, HYDERABAD-500023,
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G. PULLA REDDY COLLEGE OF PHARMACY

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DEPARTMENT OF PHARMACOLOGY

ORGANIZING

FIVE DAYS NATIONAL LEVEL

FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

“EXPERIMENTAL TECHNIQUES IN DRUG DISCOVERY PROCESS

AND

HANDS ON TRAINING-2023”

13th - 17th February 2023



Leading the tradition of Quality and Excellence





About the College



G. Pulla Reddy College of Pharmacy is established in the year 1994-95, sponsored by G. Pulla Reddy Charities Trust, under the chairmanship of Late Sri G. Pulla Reddy garu, a Philanthropist, social reformer and well known as Sweet Pulla Reddy. He has promoted several educational institutions under the Trust. The college has turned into silver jubilee year of existence in 2019. During these years, there are many milestones & achievements. New courses have been introduced. Infrastructure expanded, updated & modernized. The students and faculty excelled in various aspects. The college is located in a beautiful campus in Mehdiapatnam, Hyderabad. The campus is spread over in 5 acres of land in a calm & quiet natural habitat. Mehdiapatnam is well connected to all corners of the city by local bus services. In this campus G. Pulla Reddy High School and G. Pulla Reddy Degree & PG College are also located.

VISION

G. Pulla Reddy College of Pharmacy envisages to become the centre of excellence for research in Pharmacy. It aims to contribute significantly to drug development and drug discovery.

MISSION

G. Pulla Reddy College of Pharmacy aims to be on forefront in imparting the disciplined and quality Pharmacy education. The graduate & postgraduate students shall be groomed as responsible & highly acclaimed professionals in the Pharmaceutical Arena.



About the Department of Pharmacology

Since 2009, Department of Pharmacology actively involved in research and development activities on various experimental animal models. Till date more than 100 Post Graduate students are successfully completed their research project work for the award of degree of Master of Pharmacy in Pharmacology.

The major achievements of department of pharmacology are

- * Successfully completed collaborative projects with IIT Hyderabad, Taylor University Malaysia, Mysore University, Osmania University and DIT, Dehordaun.
- * Successfully established animal models for Autism, Huntington disease, Parkinson disease, Acute Pancreatitis, Diabetes, IBD, Cerebral Ischemia, Myocardial Ischemia, BPH and Colon Cancer.
- * More than Eighty Research papers were published in peer reviewed National and International Reputed Journals.
- * Successfully completed Three months hands on training programme on Pharmacovigilance and Oracle Argus Safety Database in association with Biomed informatics, Hyderabad.
- * Successfully completed Five days National Level FDP on "Experimental Techniques in Preclinical Drug Discovery and Hands on Training" in association with AD-Instruments.
- * Successfully established Screening techniques on Zebrafish models.



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Objectives of the Programme

The main objectives of the five days faculty development programme is to train the participants in various aspects of drug development process which includes-

*** Demonstration and hands on training:**

1. Recording of invasive blood pressure in rats.
2. Carotid artery and sciatic nerve ligation techniques in rats.
3. Evaluation of estrous cycle in rats.
4. Zebra fish handling, maintenance and breeding technique.

*** Hands on training on molecular docking techniques.**

*** Hands on training on pharmacokinetic data analysis.**

*** Hands on training on computational tools used in analysis of data.**

*** Hands on training on clinical SAS used in drug discovery and clinical research.**

*** Hands on training on network pharmacology techniques.**

Programme Schedule

Day 1 (13-02-2023) and Day 2 (14-02-2023)

Hands on training on

1. Recording of invasive blood pressure in rats.
2. Carotid artery and sciatic nerve ligation techniques in rats.
3. Evaluation of estrus cycle in rats.
4. Zebra fish handling, maintenance and breeding technique.

Day 3 (15-02-2023)

1. Hands on training on molecular docking: tool for the identification of molecular targets.
2. Hands on training on pharmacokinetic data analysis.

Day 4 (16-02-2023)

1. Hands on training on applications of clinical SAS in drug discovery and clinical research.
2. Hands on training on computational tools used in analysis of data.

Day 5 (17-02-2023)

1. Hands on training on network pharmacology approach to understand the molecular mechanisms of action of traditional medicine.
2. Presentation and Interpretation of data.



ORGANIZING COMMITTEE

Chief Patron

Sri. P. Subba Reddy

Chairman, GPRCP, Hyderabad

Convener

Dr.B. Madhava Reddy

Principal

GPRCP, Hyderabad

Co-Convenors

Dr. Veeresh. B

Professor & Head

Dept. of Pharmacology

GPRCP, Hyderabad

Dr. R. Padmavathi

Associate Professor

Dept. of Pharmacology

GPRCP, Hyderabad

Co-Ordinators

Dr. A. Lalitha Devi

Associate Professor

Dept. of Pharmacology

GPRCP, Hyderabad

Mr. Y Sreehari

Assistant Professor

Dept. of Pharmacology

GPRCP, Hyderabad

Mr. G. Sarvan Kumar

Assistant Professor

Dept. of Pharmacology

GPRCP, Hyderabad

Who can Apply

Faculty Members and Research Scholars from Pharmacy, Medical and Biological Specializations.

Number of participants: Limited to 30 participants, on first come first serve basis

Registration fees: Rupees-2000/- (Two Thousand Rupees) through online transfer to following account

Name: G Pulla Reddy College of Pharmacy

Account Number: 10581010573690

IFSC Code: PUNB0068410

Bank: Punjab National Bank

Branch: Mehdiapatnam

City: Hyderabad

* Kindly send the scanned copy of duly filled registration form by mail for confirmation of registration

Email Id: gprpcology2009@gmail.com

* Pay the registration fee after confirmation of registration.

* Further information please contact: Dr.Veeresh B - 9676110902; Dr. R Padmvathi-7799139668

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DEPARTMENT OF PHARMACOLOGY

Organizing

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"EXPERIMENTAL TECHNIQUES IN DRUG DISCOVERY PROCESS AND HANDS ON TRAINING-2023"
13th – 17th February 2023**

REGISTRATION FORM

Name	:
Education Qualification	:
Designation	:
Department	:
Area of Research	:
Name of the Institution	:
Address for the Correspondence	:
Mobile Number	:
Email Id	:

Date:

Signature

- ❖ Kindly send the scanned copy of duly filled registration form by mail for confirmation of registration.
- ❖ **Email Id:** gprcpcology2009@gmail.com
- ❖ Pay the registration fee after confirmation of registration.
- ❖ Further information please contact: **Dr. Veeresh B** - 9676110902;
Dr. R Padmvathi - 7799139668;