

G PULLA REDDY COLLEGE OF PHARMACY, HYDERABAD

FIVE DAYS NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAM ON

“EXPERIMENTAL TECHNIQUES IN PRECLINICAL DRUG DISCOVERY AND HANDS-ON TRAINING”

SUPPORTED BY **AD-INSTRUMENTS**

(17th – 21st December, 2018)

A Five day national level Faculty Development Program (FDP) on “Experimental Techniques in Preclinical Drug Discovery and Hands-on Training” was organized by Department of Pharmacology, G Pulla Reddy College of Pharmacy, Hyderabad, in Association with AD Instruments from 17th – 21st December 2018. 30 Faculty members from different colleges were attended the workshop. The program was inaugurated by lighting of lamp and prayer song. Dr. B. Veeresh, Professor and Chief Coordinator of FDP gave welcome speech. Principal Dr. B. Madhava Reddy and Guest Speaker Dr. Manoj Ande, Senior Manager, Dept. of Pharmacology, NATCO Research Center, Hyderabad addressed the participants.

Each day the sessions were started with presentation of overview followed by demonstration and hands-on training on preclinical experimental techniques. The 1st day session was conducted by **Dr. Manoj Ande** about techniques of animal handling, various routes of drug administration and blood collection techniques. The 2nd and 3rd day, the sessions were conducted by **Experts from ADI instruments**, about recording of ECG and non-invasive BP measurement, invasive BP measurement and nerve impulse conduction measurement; **Dr. B. Veeresh, Dr. R. Padmavathi and Dr. A. Lalitha Devi of Department of Pharmacology** about endothelium dependent and independent response on isolated aortic preparation, carotid artery ligation and coronary artery ligation. The 4th day session was conducted by **Dr. R. Padmavathi and Dr. A. Lalitha Devi** about “Pharmacokinetic Data Analysis” using Excel Add-In “PK Solver”; **Dr. Y. Padmavathi and Mr. P. Ravikumar, Dept. of Pharmaceutical Analysis** about “*In vivo* PK Studies of Paracetamol in Rats using HPLC”. The 5th day session was conducted by **Dr. N. Balakrishna, Retired Scientist-E, Division of Bio-statistics, NIN, Hyderabad** about various concepts of biostatistics and statistical software “SPSS”. Mr. Y. Sreehari, Mr. S. Viswanth Reddy, and Mr. A. Lingesh coordinated various activities all the 5 days.

Certificates were presented to the participants in the valedictory program at 4.00 pm on 21-12-2018 by Principal Dr. B. Madhava Reddy and Guest Speaker Dr. N. Balakrishna and vote of thanks was given by Prof .B. Veeresh.