

KRUPANIDHI COLLEGE OF PHARMACY, BANGALORE.

**OVERALL SEMINAR REPORT ON CERTIFICATE COURSE ON CLINICAL
RESEARCH & DEVELOPMENT**

NOV 12, 2016-JAN 07, 2017.

Mr. Sanjay Sogali, Senior Manager, PRA Health Sciences, delivered the inaugural seminar of the series on clinical research and development on 12/11/16. The topic was, Clinical Research- an overview. He explained the finer details of the topic with familiar examples which enabled the students to grasp the ideas quickly. The seminar encompassed the various facets of Clinical Research. He brilliantly wielded the vast topic into a nutshell in the limited time duration. The participants included many KCP teaching staff, IV B.Pharm, I&II M.Pharm, IV& V Pharm.D. The informative seminar was appreciated by the participants. At the end, there was a productive Q&A with the audience and feedback was taken. The overall feedback given was excellent. The seminar was successful in enabling most of the students to understand the topic.



An exceptionally brilliant seminar was delivered by Dr. RamanandNadig, Medical expert and specialist on the topic ‘Drug discovery to pre-clinical studies’ on Nov 19th 2016. The conceptual, methodological and practical aspects of the preclinical development were succinctly presented in a lively manner. The various animal models and their significance in pre-clinical studies were lucidly explained. The participants included many KCP teaching staff, IV B.Pharm, I&II M.Pharm, IV& V Pharm.D. At the end, there was a prolific Q&A with the audience and feedback was taken. The overall feedback given was excellent. Informative, insightful, replete with anecdotal examples were the keywords used to describe the impact of the seminar by the audience.



Dr. Harsha delivered a virtuoso seminar on the critical topic of oncology research on 26/11/2016. His extensive experience and expertise was palpable throughout the seminar. The examples quoted by him and explained in a detailed yet lucid manner, helped the audience grasp the concept. Dr. Harsha clearly explained the vicarious nature of oncology and the parametric measures of survival. The participants included KCP teaching staff, IV B.Pharm, I & II M.Pharm, IV& V Pharm.D. At the end, there was an interactive Q&A with the audience and feedback was taken. The overall feedback given was excellent. Informative, perceptive, meritorious were the keywords used to describe the impact of the seminar by the audience.



Topics & Speakers:

1. Bioanalytical aspects related to BA/BE studies-**Mr. NarendraKamath**
 2. Pilot & Pivotal BA/BE studies - basics & correlations
 3. BA/BE studies for the nasal sprays & inhalation drug products
 4. Biowaiver strategies for various drug products
 5. BA/BE studies for the dermatological drug products
- } **Dr. Subhash Gore**
- } **Dr. DineshShenoy**

Venue: KCP Seminar Hall

Date: 03/12/2016

Time: 9:45 A.M – 2:20 P.M

The seminars by Mr. NarendraKamath, Dr. Subhash Gore, and Dr. Dinesh Shenoy were uniquely brilliant. The topics ranging from bioanalytics to BA/BE studies and Biowaiwers were well presented. The seminars provided a chance to the audience to interact with the cream of industry and hear first-hand case studies. The audience comprised of students from IV and V Pharm. D, IV B.Pharm, I & II M.Pharm and some teaching staff. These seminars provided the spark for young inquisitive minds to further their intellectual capacities. At the end there was a panel Q& A, where the queries from the audience were convincingly answered by the panelists, which also included Mr. SudhirNayak, Associate VP, Biocon. The feedback revealed that most of the audience felt the seminars were highly informative and of outstanding quality.



Dr. GopalMuralidharan, a brilliant orator, scientist and industrialist delivered a scholarly seminar on Dec 10th 2016 on the crucial topic of “A New Chemical Entity’s Path to Drug Discover-Many a Slip between the Cup and the Lip”. The seminar gave factual examples of the success stories such as Dr. Tu's artemisinin and myriad setback stories, both guiding us and enlightening us to

the highs and lows that happen in the dynamic pharmaceuticals industry. Dr. Muralidharan also excellently covered the dramatic clinical trials sector and highlighted the lacunae which persist in Indian regulations. He had distilled in his 2 hours speech, his 30 years of experience. Everybody had a learning experience. The participants included many KCP teaching staff, students of IV B.Pharm, I&II M.Pharm, and IV& V Pharm.D. At the end, there was a productive Q&A with the audience and feedback was taken. The overall feedback given was excellent.



Speakers & Topics:

1. Prof. Chandramouli R - “Biosimilars- Regulatory Perspective and Update”
2. Dr. Rajendra. Sandur - “Pharmacovigilance- Demystifying the Concepts”

Venue: KCP Seminar Hall

Date: 17/12/2016

Time: 10.15 A.M-12.15 P.M

Prof. Chandramouli enlightened us about Biosimilars and the potential they hold for the future. He patiently explained the way in which the analysis of Biosimilars is done which is so much more complicated than normal drugs. Dr. Rajendra explained the importance of pharmacovigilance in the global as well as Indian context. He lucidly briefed about the various channels through which PV is carried out. The participants included many KCP teaching staff, students of IV B.Pharm, I&II M.Pharm, and IV& V Pharm.D. At the end, there was a productive Q&A with the audience and feedback was taken. The overall feedback given was excellent.



Speakers & Topics:

1. Dr. Mahesh Noosenoor: Integration of New Pharmaceutical Product in the Healthcare system and Role of Pharmacist.
2. Dr. Surendra Raju: Organizing a Multi-Centre Clinical Trials.
3. Dr. Chhavi Mehra: Telemedicine and Clinical Trials.
4. Valedictory function

Venue: KCP Seminar Hall

Date: 7/1/17

Time: 9.00 A.M-1.00 P.M

Dr. Mahesh started off delivering his information loaded seminar on the integration of pharmacists in the health care system. He proposed many technical and co- technical aspects that the pharmacist needs to possess to overcome the challenges offered by the health care system. Dr. Surendra gave a bird's eye view of the global multi -center clinical trials and described with many examples each facet of clinical trials. He was extremely lucid and convincing explaining the nitty-gritty of the clinical trials. Dr. Chhavi was eloquent in enlightening us about the cutting edge topic of teleradiology and clinical trials. She explained the importance of technology and drove home her point that IT is vital to lead health care, especially clinical trials forward. We were immensely enriched by the end of her seminar. The seminars were attended by many KCP staff, I and II M.Pharm, IV and V Pharm. D.

The valedictory session followed the seminar session. It started off with the welcoming of the dignitaries. The chief guest of the function was Mrs. Geetha Nagpal, Vice-Chairperson, KET. The other dignitaries included, Prof. Mallya, Director, CPPA-KCP, Dr. Raman Dang, Principal, KCP, Vice-Principal, Dr. Sonal Dubey, the speakers, Dr. Chhavi Mehra, and Dr. Surendra Raju. Mrs. Prabitha was the anchor of the function. Someshwar Deb, IV Pharm D student presented an invocation song followed by the lighting of the lamp by the dignitaries. Manu Sankar, III Pharm.D, delighted the audience with a song. The Vice-Chairperson, KET, Mrs. Geetha Nagpal, gave a passionate and enlightening speech about the need to treat the patient with love and care and be more holistic in our approach. The Director, CPPA-KCP, Prof. P. V. Mallya, took over the dais and delivered his summary of the entire series and also thanked all those who supported the

seminar series. He conveyed the blessings of the Chairman, KET, Dr. Suresh Nagpal to the audience. Then, the certificate distribution ceremony was held which was coordinated by Dr. Arshad along with Mrs. Prabitha. Mr. Ashutosh, V Pharm.D, was given a gift of Rs. 1000 for his photographic services. Finally, the Principal, KCP, Dr. Raman Dang proposed the vote of thanks. The ceremony ended by a standing tribute to the National Anthem.


