

## **Summer School of Ooty on Applied Pharmacokinetics - 2019 (SOAP-2019) (8-13 April, 2019)**

The subject 'Pharmacokinetics' has extended its horizons into various facets of drug discovery and development process. It is also undergoing paradigm shift in the present days from a more descriptive subject (limited to AUCs, C<sub>max</sub> and T<sub>max</sub> determinations and comparisons) and proving its application in the therapeutic management of various diseases where individualized drug therapy is warranted. In spite of all these facts, application of pharmacokinetic principles in the clinical settings is very limited in the Indian health care context. To familiarize this concept, the future practitioners and or trainers of such practitioners should be sensitized about these concepts.

The summer school was designed to brush-up the basic concepts of pharmacokinetics on day one and then to introduce the applications of pharmacokinetics in pharmaceutical and clinical sciences those included therapeutic management with altered pharmacokinetics, therapeutic drug monitoring, bioavailability and bioequivalence, population pharmacokinetics, drug interactions, impact of pharmacogenetics on pharmacokinetics, etc.

**The SOAP program was launched in the year 2015 and continued for five consecutive years with the overwhelming support from the participants especially the Pharm.D. students.**

All the 38 participants registered successfully completed the program. Out of them, 31 were external participants comprising 3 faculty members, 2 research scholars and 33 Pharm.D. students and 7 research scholars were the internal participants. The external participants were from Tamil Nadu, Kerala, Andhra Pradesh, Telangana and Gujarat.

Dr. Arun KP as an advanced learner of Clinical Pharmacokinetics and pharmacometrics delivered all the 15 lectures scheduled related to basics of pharmacokinetics and clinical applications of pharmacokinetics. Apart from the resource person, the Pharm.D. interns and Ms. M. Deepalakshmi and Dr. C. Keerthana, faculty members from the department worked as a team to formulate problem solving questions, group discussion topics, etc.

The feedback from the participants was obtained in a structured proforma and the mean scores of all the questions related to presenter ranged from 4.5 to 4.8 and about the presentation it ranged from 4.5 to 4.7 on a 5-point scale those were very encouraging.

