Pathway to Drug Discovery
- Analytical Techniques
  (IR, HPLC) and TEST

To,

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On
March 7th & 8th 2016

Venue
Gallery Hall, Ground Floor,
Faculty of Pharmacy,
Sri Ramachandra University
ORGANIZING COMMITTEE

Prospective delegates
- B. Pharm final year students, M. Pharm students and research scholars
- Number of participants: limited to 40 (First come first serve basis)

Calendar events
Last date of registration: 29/02/16

Registration
Registration fee Rs. 700/- (Seven Hundred Only), in the form of DD in favour of "SRI RAMACHANDRA UNIVERSITY", payable at Chennai and addressed to the HOD, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Sri Ramachandra University, Porur, Chennai-600116.
- Laptop for best practice is desirable
- Photocopies of the registration form can be used
- Own arrangement should be made for travel and accommodation

For Details contact : +91 9884414684, 9840298021

FACULTY OF PHARMACY
SRI RAMACHANDRA UNIVERSITY
(Declared under section 3 of the UGC Act, 1956)
Accredited by NAAC with ‘A’ grade
Porur, Chennai - 600116

Workshop on

Pathway to
Drug Discovery
- Analytical Techniques (IR, HPLC) and TEST

On
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Venue
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Sri Ramachandra University

Organized by
Department of Pharmaceutical Chemistry
Faculty of Pharmacy,
Sri Ramachandra University,
Porur, Chennai- 600116.
ABOUT THE WORKSHOP

Drug discovery and development is a challenging task that requires collective input from several scientific disciplines. The development of the pharmaceuticals brought a revolution in human health. These pharmaceuticals may develop impurities at various stages of their development, transportation and storage which makes the pharmaceutical, risky to be administered, thus they must be detected and quantitated. To make drugs serve their purpose, various chemical and instrumental methods were developed at regular intervals which are involved in the estimation of drugs.

For this analytical instrumentation and methods play an important role in the field of pharmaceutical research, the analytical investigation of bulk drug materials, intermediates, drug products, drug formulations, impurities and degradation products, and biological samples containing the drugs and their metabolites. In the light of its importance, the Department of Pharmaceutical Chemistry is glad to invite you for an eventful interaction at the workshop on “Pathway to Drug Discovery- Analytical Techniques (IR, HPLC) and TEST”, a hands on training on software through which the beginners can focus a bird eye view on drug toxicity and analysis of drugs and pharmaceuticals by HPLC and IR Spectroscopy, which is a routine practice in use.

MAJOR ATTRACTIONS:

* Plenary Lectures by eminent personalities in the field of analytical techniques from Academics, Research & Industry.
* Hands on training on the infrared spectroscopy covers all forms of analysis using spectroscopy including Fourier transform infrared spectroscopy (FTIR), and associated non-destructive testing used in drug testing and pharmaceutical analysis.
* Hands on training on High Performance Liquid Chromatography
* To provide practice on TEST (TOXICITY STIMULATION SOFTWARE TOOLS).

INSTITUTION AT A GLANCE:

Faculty of Pharmacy of Sri Ramachandra University established in 1993, is a prestigious institution having excellent infrastructure with well equipped research laboratories that attracts research scholars from different parts of the world. It offers a 4 year (8 semesters) Bachelor’s degree in Pharmacy, 6 years Pharm. D, 3 years Pharm. D (Post Baccalaureate), two years (4 semesters) Masters program in Pharmacy Practice, Pharmaceutics, Quality Assurance, Pharmacognosy, Pharmacology & Pharmaceutical Analysis. The B. Pharm, Pharm. D and Pharm. D (PB) are approved by Pharmacy Council of India, New Delhi. The B. Pharm and M. Pharm programs are approved by All India Council for Technical Education (AICTE), New Delhi. The B. Pharmacy course is accredited by National Board of Accreditation (NBA), AICTE, New Delhi for the period of three years (2011-2014) and due for the renewal. The campus, spread over 150 acres, is refreshingly green with well maintained lawns, sprawling open space and trees. The campus itself is a township with faculties, the medical centre, staff and student housing, conference facilities, playground, multi-cuisine restaurants, ATMs, gift shops, travels, DTP, railway and air reservation counters, nationalized bank and a post office.

Department of Pharmaceutical Chemistry comprises the opportunities in pharmaceutical chemistry for high impact drug discovery and design for human betterment. The pioneers of this department has been actively involved in imparting a relevant knowledge base and technical skills in the field of physical, computational, analytical, synthesis and phytochemistry, offering engrossing research activities. The department offers excellent infrastructure with sophisticated instruments and well-equipped laboratories including pharmaceutical analysis lab. The team also teaches pharma quality assurance and pharmaceutical analysis programs which provides an overview of quality and regulatory issues associated with development, manufacture of drugs for global use and also for analysis of drugs. The department has established a consultancy services that provides services for the instrumental analysis of the drug products and docking studies.