

ABOUT GFSU

The Government of Gujarat has established a super specialized University which is unique and first of its kind in the world for conducting regular / Post Graduate courses in the field of Forensic Science, Behavioral Science, Research & Development, Criminology and other allied areas. It is situated at Gandhinagar, the capital of Gujarat which is a vibrant, industrious, safe and business friendly state. It is being set up on 50000 sq.mtrs of land near the existing Directorate of Forensic Science building at Gandhinagar, which is a linked city with Ahmedabad. The university has done many MOUs with international universities and agencies for collaborative research works. Various departments of the university are witnessing trust of national and international organizations for the purpose of training and study programmes for their employees at GFSU campus. The Government of Gujarat has established this University by passing an Act in the Legislative Assembly on 28th September, 2008. Consequent to this, Dr. J.M. Vyas has taken over as the first Director General (Vice Chancellor) of the University.

ABOUT INSTITUTE

The Institute was founded in 2009, is an attractive centre for generation of ideas, concepts and technologies and keeps itself abreast with the modern development in application of Science and Technology in the field of Forensics. The institute has expanded its horizons of forensic research in the fields like Pharmaceuticals, Nanotechnology and Food Technology impactfully. Institute is engaged in research in the area on Nanotechnology based methods for different types of investigations e.g. faster, more reliable, widely applicable, more rugged, less costly, or less labour intensive tools for identification, collection, preservation and analysis of crime scene evidence and counterfeited drug products. Nanotechnology applications in the field of drug delivery systems is one of the key area of the institute with state of art research facilities. The Institute is offering Post Graduate, Doctoral and Post Doctoral Degree in addition to the choice based credit system with continuous teaching and assessment in the discipline of Pharmacy and Nanotechnology in forensic expertization for the world. Institutes offer a high quality contractual research services to many organizations and capable to deliver timely output in collaborative research work.

ABOUT WORKSHOP

A primary challenge for the pharmaceutical laboratory is to maximize throughput with optimum compliance. A technique-dependent test like dissolution is a primary target for implementing varying levels of automation, from semiautomated sampling equipment to fully robotic systems. Instrumentation flexibility will be required in the laboratory of the future to minimize the potential for error caused by manual intervention and to fully utilize the dissolution apparatus with automated sampling and on- and offline UV or HPLC analytical systems. From product development to finished product quality evaluation and from identification of counterfeited pharmaceuticals to generate basis for biowaiver application, dissolution testing is the decisive product development and analytical tool these days.

The workshop is aimed to highlight key expectations and needs of regulatory agencies for dissolution testing approaches. USP 2014 edition addresses the use of automation throughout the test and provides guidance and criteria for validation. Instruments fulfilling this compendia requirement and benefits of it over traditional manual sampling dissolution apparatus will be one of the focused area of the workshop. The workshop is also aimed to provide the platform for the industry-academia forum to share their experiences and technical needs.

Workshop Programme

- 10.30 am – 11.30 am
Inauguration ceremony
- 11.30 am - 12.30 am
Expert Speech: Dissolution techniques- Current Developments and FDA expectations for NDDS
- 12.30 am – 1.30 pm
Latest instrumentations and advantages of automation in dissolution testing
- 1.30 pm – 2.30 pm
Lunch
- 2.30 pm – 4.00 pm
Demonstration of automation in dissolution testing and case studies

Registration Fees : Rs. 100

Patron
Dr. J. M. Vyas
Director General, GFSU

Convener
Prof. Y. K. Agrawal
Director, IRD, GFSU

Last Date For Submission of Form: 05/12/2015

One Day Workshop On DISSOLUTION TECHNOLOGIES EMERGING STRATEGIES & TREND OF ONLINE TESTING

7th December 2015



Organized by:
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Gujarat Forensic Sciences University
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