#### **REGISTRATION FORM**

TWO DAYS STATE LEVEL WORKSHOP ON

# CHEMOMETRICS: A POWERFUL TOOL IN PHARMACEUTICAL ANALYSIS

SPONSORED BY GUJCOST

4<sup>th</sup>-5<sup>th</sup> October, 2013

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apcevents\_2013@yahoo.com; purvi2210@yahoo.co.in

(Photocopy of this form will be accepted)

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**Co-ordinator** Dr. Kalpana G. Patel

Co-coordinator Dr. Purvi A. Shah



#### ANAND PHARMACY COLLEGE, ANAND

(Managed by Shri Ramkrishna Seva Mandal)
Accredited by NAAC, CGPA 2.68 &
Approved by AICTE, PCI
Affiliated to Gujarat Technological University, Ahmedabad
Web: www.apc.ac.in

#### ABOUT THE TRUST

SHRI RAMKRISHNA SEVA MANDAL is a registered society and a public trust established in the year 1954-55, managing more than 20 academic institutions. The trust believes in providing scientific and value based education by maintaining pace with the ever increasing needs of modern educational environment.

#### ABOUT THE INSTITUTE

ANAND PHARMACY COLLEGE is one of the leading institute of Gujarat established in 1998 by Shri Ramkrishna Seva Mandal. The institute is accredited by NAAC-UGC with CGPA 2.68. Anand Pharmacy College offers B. Pharm, M. Pharm in Pharmaceutics. Pharmacology, Quality Assurance, Industrial Pharmacy, Pharmaceutical Quality Assurance and Pharmaceutical Technology and Ph.D. courses. The institute has been established with a view to promote excellence in pharmaceutical education and to prepare upcoming generation to meet the challenges in the area of pharmaceutical industries, education, research and development by utilizing leading edge technologies. The institute regularly invites learned and eminent academicians, industrialists and dignitaries to deliver lectures and create an environment of enthusiasm and zeal among students and staff members for educational excellence.

### About GUJCOST

The Gujarat Council on Science and Technology (GUJCOST) was established in September, 1986, to play a catalytic role in promoting the use of Science and Technology in the development process of the State. The S & T Council was constituted with a view to develop technologies appropriate to and in harmony with present conditions. The Council has been catalyzing interaction between developers and users of technologies, by bringing on a common platform to training Scientists and Engineers on the one hand and policy makers as well as administrators on the other.

#### PREAMBLE

Chemometrics is the application of mathematical and statistical methods for pharmaceutical analysis. In recent years, multivariate chemometric methods is rapidly attracting analyst's attention and is playing a very important role in multicomponent analysis of complex mixtures, especially in the analysis pharmaceutical preparations present in the market. Such analytical work is carried out by the use of chromatographic and spectroscopic instrumental techniques and is dominant research tools in the pharma sector. These techniques allow a rapid analytical response with minimum sample preparation, reasonable accuracy and precision and without the need of tedious separation procedure. This workshop will concentrate on gaining an understanding of how chemometrics can be useful in the modern analytical laboratory and will transform the experience to meet the evolving needs of researchers in the field of research, industry and academia. Moreover, theoretical and practical aspects for learning method development, analysis technique and trouble shooting of machines and methods, will be discussed with pharmaceutical examples of chemometric applications.

### **OBJECTIVES**

The main objective is to provide an insight into chemometric methods; multivariate analysis, design of experiment and hands on various sophisticated instruments like HPTLC, HPLC, Spectrophotometer, Spectrofluorimeter including trouble shooting. Oral/Poster session will be organized on major thrust areas of workshop.

#### **RESOURCE PERSONS**

Eminent resource persons from the academia and industry will deliver in-depth information in the scientific and Practical sessions.

### Guidelines for abstract submission

Abstract should be a maximum of 250 words for oral/poster presentation of original research work in the field of Pharmaceutical Analysis. All abstracts should contain Title (12 font size, Capitals, bold faced), followed by authors names (12 font size) and affiliation (12 font size, italics) with e-mail address of presenting author. The abstract should be typed in single space in Times New Roman (font size 12) on an A-4 size paper. The abstract may be sent as word document by e-mail to apcevents\_2013@yahoo.com. Prizes will be given to the first and second place winners of both oral and poster presentations.

#### IMPORTANT DATES

Last date for abstract submission: 14/09/ 2013
Intimation of Acceptance of abstract: 21/09/2013

Last date of registration: 25/09/2013

#### ELIGIBILITY

This workshop is intended for the professionals in the research institute and pharmaceuticals/ allied industries, pharmacy teachers, research scholars and PG students.

#### REGISTRATION

Applicants are required to send / deposit their duly signed registration form along with registration fees through cash/demand draft (in favor of Principal, Anand Pharmacy College, payable at Anand). Registration is restricted to first 40 participants only.

#### REGISTRATION FEE

Industry	Rs. 500
Academicians and Professionals	.Rs. 400
Students	Rs. 300

Kindly superscript the envelope with "TWO DAYS WORKSHOP on Chemometrics: A powerful tool in Pharmaceutical Analysis".

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