First Announcement:

One day training workshop through case studies

“Optimization Techniques: Statistical and Factorial Designs”

Venue: Sinhgad College of Pharmacy, Vadgaon (Bk), Pune.

❖ Preamble:

“When you can measure what you are speaking about, and express it in numbers, you know something about it, when you cannot express it in numbers, your knowledge is of a meager and unsatisfactory kind; it may be the beginning of knowledge, but you have scarcely, in your thoughts advanced to the stage of science.” - Lord Kelvin

Handling of the data is challenging task in all types of research. The selection of proper statistical tools has a significant impact on proper interpretation of the data to derive a meaningful conclusion. The proposed seminar is aimed to find solution for such problems which would be faced by our 3rd/4th semester students of M. Pharmacy. Let us equip the students with proper statistical tools well before their research commences.

❖ The one-day training workshop is scheduled as follows:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Venue</th>
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<tbody>
<tr>
<td>Saturday, 04th Aug 2012</td>
<td>9:30 a.m. – 5:00 p.m.</td>
<td>Sinhgad College of Pharmacy, Vadgaon (Bk), Pune</td>
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</tbody>
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❖ Areas to be covered through case studies and lectures by experts:

Optimization Techniques: Factorial Design viz $2^2$, $3^2$, $2^3$ Factorial Design - case studies, problem solving.
Statistical applications viz ANOVA, Student's $t$-test, Null hypothesis, P, F and Df values and experimental design- case studies, problem solving.

Kinetic model fitting- *in vitro* drug dissolution studies.

Ternary phase diagram- its interpretations in nanosystem.

❖ **Who Should Attend?**

The workshop is organized for Research Students and junior faculty members. This is a rare opportunity for your experimental development to translate into research in meaningful output..

We look forward to hearing from you at the earliest possible time, preferably, by 25<sup>th</sup> July 2012.

❖ **Limited numbers of seats, so kindly confirm your registration at the earliest.**

*(Proforma enclosed)*

Registration fees: Rs. 100/- per delegate

❖ **For details of registration please contact to:**

Dr. P.S. Bhutada / Mr. S.K. Mandlik

Email: psbhutada@live.com, satish4004@gmail.com

Mobile No. 9850187167, 9422332312.
One day training workshop through case studies

“Optimization Techniques: Statistical and Factorial Designs”

on 04\textsuperscript{th} August 2012

Venue: Sinhgad College of Pharmacy, Vadgaon (Bk), Pune

REGISTRATION FORM

Name of the participant: _________________________________________
Designation: ___________________________________________________
Address of the College/ Institute: _________________________________

______________________________________________________________
________________________________________________________________
Email: _________________________________________________________
Mobile No. _____________________

* Registration Fees- Rs 100/- per delegate to be paid on the spot at registration counter.

Signature of the Participant

Place:                                                       Date:

Signature of Head of the Institution and Institute Seal

Photocopy of this registration form can be used.