



National Workshop on Artificial Neural Networks (ANNs) and Response Surface Methodology (RSM): Important tool in optimization of pharmaceutical formulation and process

Sponsored by;
GUJARAT COUNCIL ON SCIENCE & TECHNOLOGY (GUJCOST),
Dept. of Science and Technology, Govt. of Gujarat

23rd February, 2018

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Organized by;

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Registration Deadline: 19th February, 2018

About Shri Ramkrishna Seva Mandal (SRKSM)

Shri Ramkrishna Seva Mandal is a registered society and a public trust established in the year 1954-55, managing more than 27 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 Anand Pharmacy College (APC)

ANAND PHARMACY COLLEGE is one of the leading institute of Gujarat established in 1998 by Shri Ramkrishna Seva Mandal. The institute is conducting All India Council for Technical Education (AICTE), New Delhi approved courses since 1998. Anand Pharmacy College offers B.Pharm, M.Pharm in Pharmaceutics, Pharmacology, Pharmaceutical Quality Assurance, Industrial Pharmacy & Pharmaceutical Technology and Ph.D. courses. The institute is re-accredited by NAAC-UGC (Grade A with CGPA 3.06) and accredited by NBA (UG Course). The institute regularly invites learned and eminent entrepreneurs, academicians, industrialists and dignitaries to deliver lectures and create an environment of enthusiasm and zeal among students and staff members for educational excellence.

ORGANIZING COMMITTEE

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How to reach milk city of Gujarat?

The Institute is situated in the heart of Anand city as a part of Shri Ram krishna Seva Mandal campus, near an area known as Town hall, at a distance of about 3 km from the Anand Railway Station. The transportation facility of bus, auto and taxi are regularly available from railway/bus station since early morning till late mid night.

Who Should Attend

UG/PG Students,
Ph.D./Research Scholar and
Faculties from Pharmacy,
Biotechnology & other related
Discipline can get benefits of
the workshop.

Preamble

Among all organisms, the neurological processing ability of the human beings is truly remarkable. The possibility of 'machine-simulation' of this ability, even to a partial extent is desirable and enticing and has led to the development of ANN.

Artificial Neural Networks (ANN) are machine based computational techniques which attempt to simulate some of the neurological processing ability of the human brain. Fundamentally, ANN are interconnected networks of processing units termed as 'neurons' which are responsible for the completion of the decision-making process. They have the ability to discern complex and latent patterns in the information presented to them. This feature of ANN, to extract latent information from the data presented to them, proves them to be powerful tools for modeling and predictive purposes and offers great potentials for the application in the variety of disciplines. However, pharmaceutical scientists do not appear, in general, to be fully aware of the great potential of this novel pattern-recognition technology. Hence, there is little pertinent literature in the pharmaceutical sciences.

Learning Outcomes

By attending this workshop participants will learn.....

- Effective use of Applicability of ANN and RSM as Evolutionary Algorithm in pharmaceutical processing.
- Ability to solve case studies of ANN and RSM Evolutionary Algorithm.
- Regulatory aspects and optimization technique in development of models for the objective function and constraint using ANN and RSM.

About Workshop

A workshop to the PG/Research scholar and faculties has been arranged in afternoon session. The aim of this workshop is to develop detailed knowledge about ANN & RSM designs and interpretation of the results. By attending this workshop participants will be able to analyze the data.

Resource persons

Eminent resource persons from the academia and industry will deliver in-depth information about the veritable essential component in ANN & RSM.

Registration

Applicants are required to send/deposit their duly signed registration form along with registration fees through cash/ cheque (in favor of Principal, Anand Pharmacy College, payable at Anand).

Registration charges:

Students/Research Scholar: Rs. 400

Academician : Rs. 500

Industry person: Rs. 600

For online registration; open the following link:

[Registration form ANN & RSM](#)

Notes:

- Entry in workshop is limited.
- Registration fee covers day time hospitality during workshop day, proceedings and kit for the registered delegates.
- Registration fee is non-refundable.
- Last Date of Registration is 19/02/2018

Important Instruction

Participants are requested to bring their laptop for training