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Registration Form

UGC - Sponsored National Seminar

on

**“A Critical Role of Web Based Educational
Tools in Drug Discovery and Development”**

7th & 8th March 2019

Name of the Candidate.....

Age:.....Gender:.....

College:.....

Designation: Student(UG/PG) / Scholar /Faculty

Address for correspondence:

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Phone:.....

Email:.....

Particulars of Fee:

Amount of Rupees:

DD No:.....

Name of the Bank:.....

Date.....

Signature of the Applicant Signature of Principal

UGC - Sponsored National Seminar

on

**“A Critical Role of Web Based Educational
Tools in Drug Discovery and Development”**

7th & 8th March 2019



Venue

Prof. L. Venugopala Reddy Seminar Hall
Dr. H.H. Deichmann & Dr. S. John David Auditorium
Acharya Nagarjuna University



Organized by

University College of Pharmaceutical Sciences
Acharya Nagarjuna University
Nagarjuna Nagar - 522 510
Guntur, Andhra Pradesh

Seminar Director / Convener

Dr. D. Ravi Sankar Reddy

Dept. of Pharmaceutical Chemistry

University College of Pharmaceutical Sciences
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University at a Glance

Acharya Nagarjuna University was established in 1976 and has been constantly striving towards achieving progress and expansion during existence for three decades. It was inaugurated on 11-9-1976 by the then President of India Dr. Frakruddin Ali Ahmed. University was named after the famous Buddhist Scholar, Philosopher Acharya Nagarjuna who was regarded as the Second Buddha. University was spread over about 300 acres of land on the National high way (NH-5) between Vijayawada and Guntur in Andhra Pradesh with campus student strength of over 5000. The university offers UG (Professional), PG and Ph. D programmes spread over 6 campus colleges. It also offers 153 UG programs in 412 affiliated colleges. It has Centre for Distance Education offering 87 UG and PG programs. The university provides excellent infrastructure and on – campus facilities such as central library with over one lakh books and 350 journals, computer centre, scientific instrumentation centre etc.

About the College

A.N.U College of Pharmaceutical Sciences was established in the academic year 2010-2011 with a plinth area of around 50000 sq. ft and construction cost of 7.50 crores. The college offers both B. Pharm and M. Pharm which are approved by AICTE and PCI, New Delhi. The College is providing research facilities leading to Ph.D. degree in Pharmaceutical Sciences. It is one of the renowned educational institutions with Quality education & effective teaching, learning methodologies. Its main concern is to motivate and encourage the student community to face the challenges in the present society in order to build up their career in a greater way. The college has the state of art laboratory with sophisticated instruments such as HPLC, IR spectro photometer, semi – auto analyzer, stability chamber, freeze dryer, 10 – stage rotary tablet punching machine, refrigerated centrifuge, Rotavapour etc. and library with good number of books and journals, animal house as per CPCSEA guidelines & herbal garden.

Projects

The college has obtained two major research projects from AICTE and UGC worth of Rs. 26,00,000/- to strengthen the research activities at the campus college.

Recently our college has been selected for a grant of Rs. 60,00,000/- for the development research facilities for PG and PhD courses by the Dept. of Science and Technology, Ministry of Science and Technology, Govt. of India under Level – I of the scheme DST-FIST 2017.

The College Offers

B.Pharmacy

M.Pharmacy : • Pharmaceutical Chemistry
• Pharmaceutical Analysis
• Pharmaceutics
• Pharmacology
• Industrial Pharmacy

Ph.D. : Full time & Part time

Scope and Objective of Seminar

It is a challenging task for the participants in the field of drug designing, discovering a new drug molecule. Computer-aided drug design and bioinformatics approaches play a fundamental role in addressing these different challenges and it is a fast alternative method to bring down the cost involved in discovering a new drug. The web-based educational tool, Drug Design, which presents the basics of drug design and provides anyone with access to computational methods and resources to conceive and evaluate molecules for their potential to become actual drugs. Now a days the use of computational techniques in drug discovery and development process is rapidly gaining in popularity, implementation and appreciation. Indeed, it is important to develop the understanding not only that a drug is generally an effective ligand for a protein of therapeutic interest, but also that these molecules need to have drug-like properties.

The seminar has basically 2 parts

Part 1: Consists of scientific lectures by eminent persons from various universities and industries on the selected topics pertinent to the theme.

Part 2: Scientific poster presentation. Interested participants can present their research or review topics strictly on the theme of the seminar.

Poster size: 1 X 1.5 mt.

Intimation of poster presentation can be sent through

Email: ugcseminar2019.cwetd@gmail.com

For Any Enquiries Contact

Email: ugcseminar2019.cwetd@gmail.com

Expected Outcomes of the Program

- ✓ Students can be actively involved in development of computational tools that will improve effectiveness and efficiency of drug discovery and development process. Decrease in the use of animals, and increase in predictability.
- ✓ It is expected that examples of drug design & targets for the discovery of common or state-of-the-art drugs, which can be used by educators so as to introduce the different concepts related to the drug discovery.
- ✓ It is expected that the power of Web Based Educational Tools in Drug Discovery and Development will grow as the technology continues to evolve.
- ✓ Major emphasis would be on software and web services in the field of chemo- or pharmacoinformatics. Includes in-silico tools used for computing molecular descriptors, inhibitors and designing against drug targets etc.

Participants

- o Students : IV B. Pharm., M. Pharm., Pharm. D and Ph.D Scholars
- o Academicians
- o Industry Professionals

Fee Details

Rs. 500/- for each participant. The registration fee should be sent by a crossed D.D drawn in favor of **The Seminar Director, CWETD**, payable at Acharya Nagarjuna University on or before 28th February, 2019.

Participation is limited to 100 Members only.
Accommodation can be provided upon prior request.