

REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

Address: _____

E-mail: _____

Amount: _____

D.D.No: _____

(Demand draft in favour of “Principal, Chalapathi
Institute of Pharmaceutical Sciences”, Payable at
“Guntur”)

Name of the Bank: _____

Branch: _____

Date: _____

Signature

Note: Photo copies of registration form can also be
downloaded from college website:

www.chalapathipharmacy.in

CHIEF PATRON

Sri Y.V. Anjaneyulu

President, Chalapathi Educational Society

CONVENOR & ORGANIZING SECRETARY

Prof. Rama Rao Nadendla

Principal, CLPT

ORGANIZING COMMITTEE

Staff and Students

Department of Pharmaceutical Analysis

RESOURCE PERSON

Dr. Ravi Kumar Kurapati

Manager R&D

Bliss Lifesciences LLP

FACULTY COORDINATORS

Prof. K.N.Rajini Kanth : **9490584053**

Mr. Sk. Munwar : **8466860416**

Mr. G. Nagaraju : **9966788710**

Mr. P. Prachet : **8099993114**

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SEMINAR cum HANDS ON TRAINING IN DRUG DESIGNING -TOOLS AND DATABASES

On
28th & 29th FEBRUARY 2020

Organized by

Department of Pharmaceutical Analysis



51st Ranked in India



Committed to impart Quality Pharmacy Education
and Research to meet Global standards

VENUE

CHALAPATHI

INSTITUTE OF PHARMACEUTICAL SCIENCES

(AUTONOMOUS)

Accredited by **NBA**

Accredited by **NAAC** with ‘**A**’ Grade

Recognized by Department of Technical Education,
Govt. of Andhra Pradesh

Recognized by DSIR for Scientific and Industrial Research &
UGC Under Section 2(f) and 12 B

(Affiliated to Acharya Nagarjuna University, Guntur

Approved by A.I.C.T.E, PCI, New Delhi)

Website: www.chalapathipharmacy.in

ABOUT THE INSTITUTE

Chalapathi Institute of Pharmaceutical Sciences (CLPT) was established in 2004 with a vision to impart Quality Pharmacy Education and Research. The campus is located in pollution free, lush green environment offering the right ambience and conduciveness for quality education and research. The college offers B.Pharmacy, M.Pharmacy and Pharm.D courses which are recognized by the All India Council for Technical Education (AICTE), Pharmacy council of India, New Delhi and Government of Andhra Pradesh. The college is Accredited with “A” grade by NAAC, Accredited by NBA, recognized by UGC under section 2(f) and 12B recognized by DSIR, New Delhi, and UGC accorded autonomous status from 2016. CLPT secured **nirf** 51st rank in 2019 at National level.

DEPARTMENTAL ACTIVITIES

- Drug polymer characterization by DSC.
- Analytical and Bioanalytical method development and validation by using HPLC, UV-VIS Spectrophotometer.
- Stability studies by HPLC- Auto sampler.
- Separation and Identification of natural products by using HPTLC.
- Functional group analysis by FTIR.
- Synthesis and biological evaluation of various bioactive compounds.
- QSAR and molecular docking studies
- Moisture content determination by Kf – titrator
- Estimation of trace elements like Na⁺, K⁺, Ca²⁺ using flame photometer.
- Extraction of natural products using Rotary film evaporator.
- In-vitro testing of drugs using Dissolution and Disintegration test apparatus.

OBJECTIVES OF THE TRAINING

Drug Designing is the inventive process of finding new medications based on the knowledge of a biological target. The modern computational techniques are used to derive information on structure and functional aspects of molecules derived from natural and synthetic means. Molecular docking is one of the most frequently used methods in structure-based drug design, due to its ability to predict the binding-conformation of small molecule ligands to the appropriate target binding site. Bio-molecules such as proteins and DNA are being subjected to a greater scrutiny by using computational techniques. A virtual design of a drug molecule and predicting its activity would be a great boon not only in time saving but also in developing economic and effective means for drug discovery. The seminar cum hands on training aims at both classroom and laboratory sessions on various software modules utilized in drug design.

TARGET DELEGATES

Faculty members, research scholars and post graduate students who wish to gain an insight in the area of Drug designing and apply the knowledge gained in their regular teaching and research activities

SCHEDULE OF THE TRAINING

DAY-I

- Tools of Drug design: 10:30 AM to 01:00PM
- Drug databases, Molecule screening, searching, optimizing: 2.00PM - 3.30PM (Lab-1)
- Docking using Argus lab, Molegro virtual docker: 3.45PM - 5.00PM (Lab-2)

DAY-II

- Drug Designing Theory: 10.00AM - 11.15AM
- Drug Designing Lab -3 : 11:30AM - 01:00PM
- Drug Designing Lab -4 : 02:00 PM - 03:30PM
- Doubts, Practice session: 03.45PM - 04.30PM

REGISTRATION

Registration fee is payable by Demand Draft in favour of **“Principal, Chalapathi Institute of Pharmaceutical Sciences”, Guntur.** Please send soft copy of registration form along with DD to analysisclpt@gmail.com

❖ **Registration fee: Rs 300/-**

(Only 25 participants will be registered for the programme on first come first serve basis)

LAST DATE FOR REGISTRATION: 24/02/2020