



Department of Pharmaceutical Chemistry

HINDU COLLEGE OF PHARMACY, GUNTUR

Recognized by UGC Under Section 2(f) and 12 B; ISO-9001-2015 Certified Institution
(Affiliated to Acharya Nagarjuna University, Guntur; Approved by A.I.C.T.E, PCI, New Delhi)

Programme Title: Seminar and Workshop on AI- Tools for Drug Discovery

Programme Description:

Seminar and Workshop on AI- Tools for Drug Discovery. Trainer: Mr. Sreejit Soman, Sponsored by Sastra Innovations Bangalore The meeting to be discussed on computational software for research purpose as well as for teaching in the following area:

1. QSAR, CADD, Docking, Metabolic stability, QM/MM, etc
2. Design new synthesizable molecules, ADME, Human Toxicity, Predict metabolites
3. pKa prediction, mixture modelling, solubility predictions for drug delivery
4. Computational Chemistry - Electronic structure properties, reaction mechanism, DFT, transition state, spectral analysis, Material Science, Thermodynamics and etc

Zastra Innovations are the authorized representatives of Turbomole, COSMOsuite, StarDrop, SeeSAR, Material Studio, GraphPad & Pandat softwares in India. 100 Nos are participated both faculty and students.

Date: 26/09/2023

Venue: Smart Class room



Introduction Remarks on AI tools by Dr. MV Nagabhusanam Principal



Delivering speech on AI by Trainer Mr. Sreejit Soman



Faculty and Students Participations



Vote of Thanks and Felicitation to the Speakers