




About University

Kakatiya University, established on August 19, 1976, in Warangal, fulfills the aspirations of Telangana. Named after the Kakatiya dynasty, the university's campus, 'Vidyaranyaपुरi,' spans 672 acres. Over the decades, it has achieved significant academic milestones, including reaccreditation with 'A' in 2009 and 'A+' in 2023 by NAAC. In the National Institutional Ranking Framework (NIRF), it ranked in the II-band (101-150) overall and III-band (151-200) for institutions in 2018. These accomplishments led to the university being granted 'Graded Autonomy' by UGC in December 2018, reflecting its commitment to excellence in education.

For More Information Please Contact

Prof. Estari Mamidala

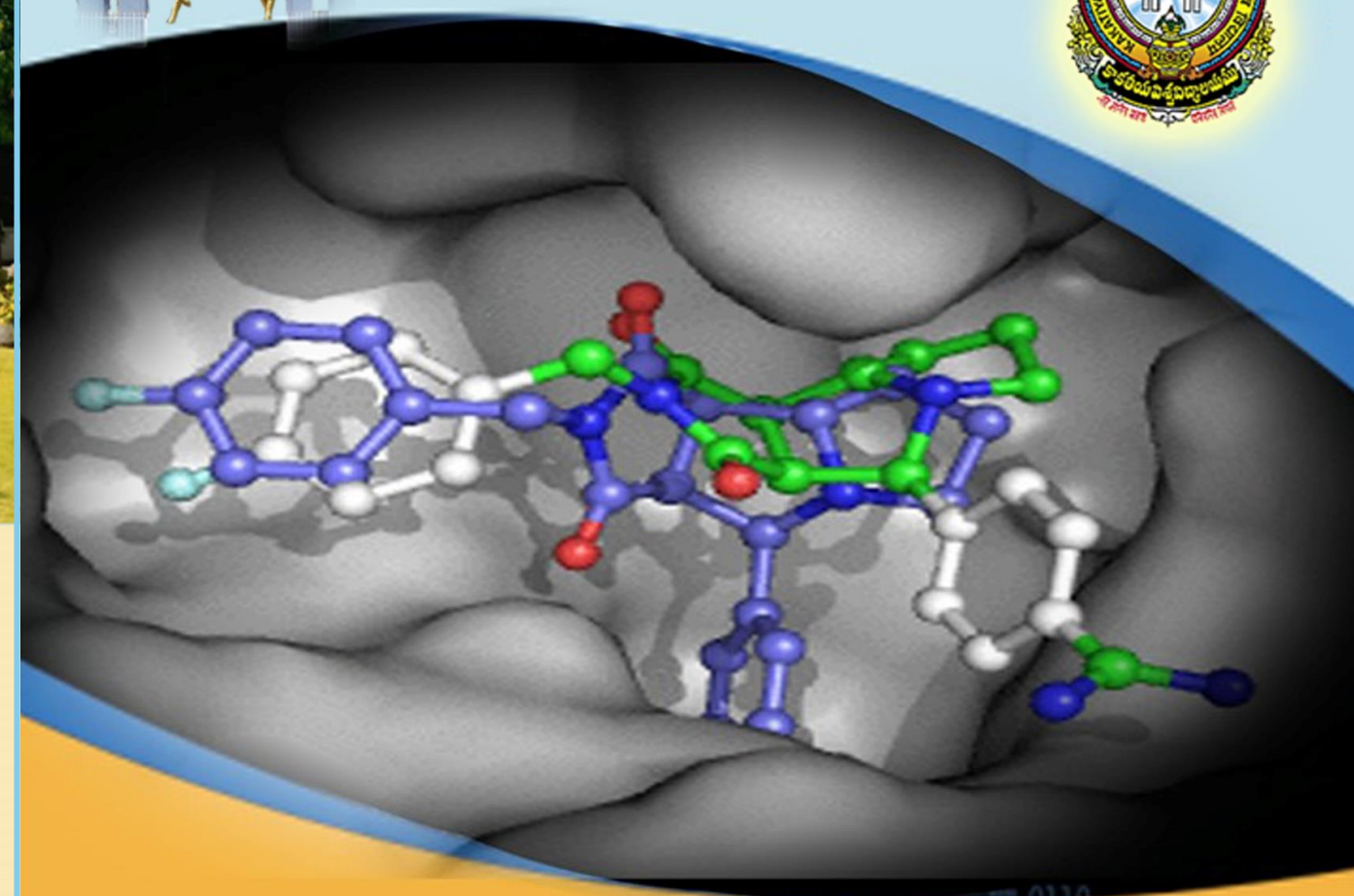
 E-mail: moldock2025@gmail.com

 WhatsApp: +91 9110741338

Department of Zoology, KAKATIYA UNIVERSITY
Vidyaranyaपुरi, Warangal-506009 Telangana State, India



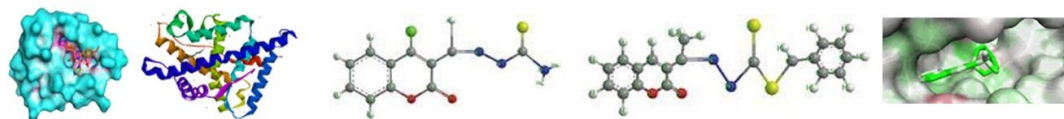
MDDDT-2025



National Workshop on Hands-on Molecular Docking and Drug Discovery Techniques

13th-15th June 2025

KAKATIYA UNIVERSITY, WARANGAL
Department of Zoology



About Workshop:

The National Workshop on Hands-on Molecular Docking and Drug Discovery Techniques aims to provide participants with essential skills in computational drug design, emphasizing applications to critical diseases. This workshop offers a comprehensive introduction to molecular docking—a key technique in modern pharmaceutical research. Through interactive, hands-on sessions, attendees will learn to generate ligands in silico, retrieve protein structures, perform docking simulations, and analyze the results using industry-relevant software. The program is designed to foster a deep understanding of the drug discovery process, from target identification to potential therapeutic development. Participants will also gain insights into the importance of data interpretation and the role of scientific publication in advancing research. The workshop encourages collaboration among students, researchers, faculty, and professionals, aiming to build a community focused on innovation and translational research in drug discovery. This initiative supports skill-building and promotes academic and industry-level partnerships in the life sciences and pharmaceutical sectors.

Workshop Highlights (Hands-on Practicals):

- Software installation
- In-silico generation of ligands
- Protein retrieval methods
- Molecular Docking
- Visualization and Analysis of Docking Results

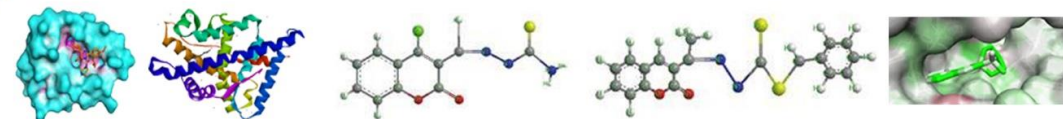
Target Audience:

PG students, Research Scholars, Faculty members and industry professionals from Life Sciences, Medicine and Pharmacy fields.

Important note:

All participants are required to bring their own laptops that run on the Windows operating system. This is necessary for the installation of softwares and for participation in practical sessions.

Registration fee: Rs.1000



Organizing committee:

Chief Patron:	Prof. K. Pratap Reddy, <i>Vice-Chancellor, KU</i>
Patron:	Prof. V. Ramchandram, <i>Registrar, KU</i>
Vice-Patron:	Prof. G. Hanmanthu, <i>Dean, Faculty of Science, KU</i>
Chair Person:	Prof. T. Manohar, <i>Principal, University College, KU</i>
Co-chair:	Prof. R. Mallikarjun Reddy, <i>Coordinating Officer, UGC Unit, KU</i>
Organising Secretary:	Prof. Estari Mamidala
Director:	Prof. G. Shamitha, HoD
Convener:	Prof. E. Narayana, <i>Chairman, BoS</i>
Co-convener:	Prof. Y. Venkaiah

Accommodation:

Accommodation will be arranged upon request and will be allocated on a first-come, first-served basis.

Last date for Registration : **20th May 2025**



Fill the Registration form

Pay the Registration Fee:
UPI ID: 8008697590@ybl



or **CLICK FOR REGISTRATION**