



Computer Aided Drug Design

Course Code: CC-PH-CADD

ONLINE LECTURES

- Weekends
- Weekdays- Only evenings

PRE-REQUISITES

- Minimum 12th grade Organic Chemistry is required. A college-level course in Biochemistry / Cell Biology / Human Anatomy & Physiology / Medicinal Chemistry is recommended but not mandatory
- Access to laptop / desktop computer during class.

WHO CAN JOIN

- Life sciences / biological & chemical sciences / medical & pharmaceutical sciences
- Students aspiring to understand concepts, use drug design modeling techniques to develop novel designs with potential for development as drugs for the pharmaceutical sciences / life sciences sector

BASIC (1 Month) Fees : ₹ 8,000 +18 % GST

List of Topics

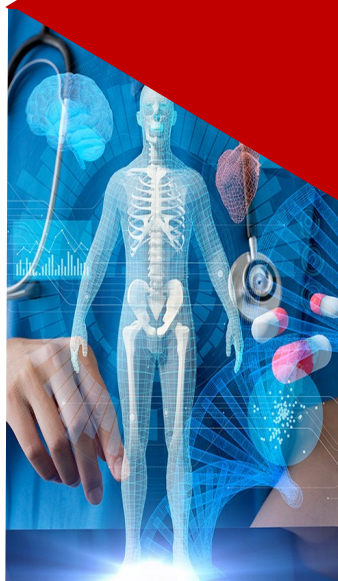
- Computational Drug Design approaches
- Virtual screening techniques
- Quantitative Structure Activity Relationship studies
- Informatics & Methods in drug design

ADVANCED (3 Months)

Fees : ₹ 25,000 +18 % GST

List of Topics

- Structure-based and Ligand-based Drug Design
- Protein modeling, Docking
- De novo drug design
- Pharmacophore mapping, QSAR
- Virtual screening, Cheminformatics



COURSE BENEFITS

- Advance learning with additional skill development
- Enhance & upgrade your professional worth
- Get awarded with Certificate
- Strengthen your CV

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