



COLLEGE OF PHARMACY AND DEPARTMENT OF PHARMACY

jointly offer



Under the Aegis of Faculty of Pharmacy

VALUE ADDED COURSE ON

COMPUTER-AIDED DRUG DESIGN AND APPLIED MEDICINAL CHEMISTRY: FROM LEAD TO DRUG CANDIDATE

(PHV 010 | ONLINE MODE)



DURATION

03 August –
18 September 2026



MODE

Online
(Google Meet)



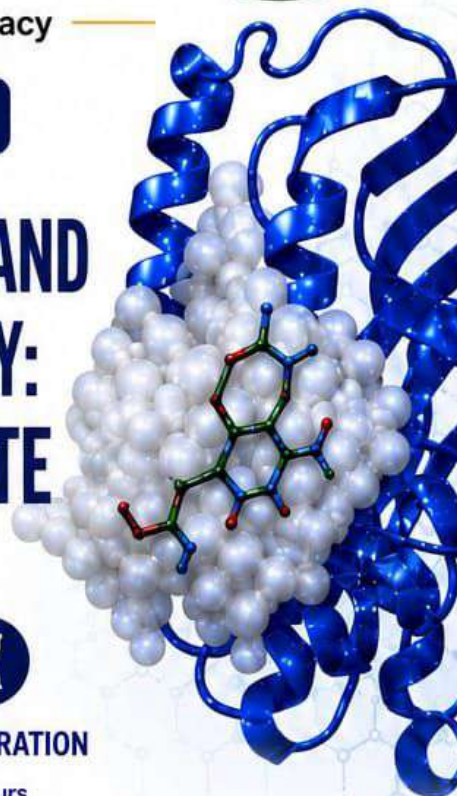
TIMING

Monday • Wednesday • Friday
6:00 PM – 8:00 PM



TOTAL DURATION

30 Hours
(6 Hours per week)



COURSE HIGHLIGHTS

- ✓ Chemical Structure Drawing & 3D Modeling
- ✓ Data Retrieval from Chemical & Protein Databases
- ✓ Molecular Docking & Analysis
- ✓ Drug-Likeness, ADME & Toxicity Prediction
- ✓ SAR, Lead Identification & Optimization
- ✓ Hands-on Training with Industry Relevant Tools
- ✓ Assignment, Quiz & Evaluation
- ✓ E-Certificate on Successful Completion

SOFTWARE / TOOLS COVERED



ChemDraw



Chem3D



Avogadro



ChimeraX



SwissADME



AutoDock
Vina



SwissDock



Discovery
Studio



PyMOL



OpenBabel

* Tools are open source / free for academic use.

WHO CAN ATTEND?



Faculty Members



Research Scholars



PG & UG Students



Technical Staff

Pharmacy • Chemistry
Biosciences • Bioengineering
Medical Sciences • and more

COURSE COORDINATOR

Dr. Samar Mujeeb

Associate Professor
College of Pharmacy
Integral University, Lucknow



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REGISTRATION

LAST DATE: 02 AUGUST 2026

**SCAN QR CODE
TO REGISTER**

OR VISIT

https://docs.google.com/forms/d/e/1FAIpQLSde3NSgf7Ut1fwwjOrut0g1DQ_aLFb1-oJA80e-8EVvoNaKHQ/viewform



Learn Industry
Relevant Tools



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Integrates CADD with
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Career & Research
Advancement



COLLEGE OF PHARMACY
INTEGRAL UNIVERSITY, LUCKNOW



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