



NIRMALA COLLEGE OF PHARMACY, MUVATTUPUZHA

**DEPARTMENT OF
PHARMACEUTICAL
CHEMISTRY**

offering an
**ADD-ON COURSE
ON**

ADVANCED COMPUTATIONAL BIOCHEMISTRY



$$E=mc^2$$

Aim:

The purpose of this course is to help the students about the Application of computer science in biochemistry to expedite and improve the knowledge in Advanced Computational Biochemistry.

Objective :

The objective of the training course on "Advanced Computational Biochemistry" is to bring up the development of advanced tools specifically tailored for the pharmaceutical sector.

Course Objectives :

- Upon completion of the course, the student shall be able to understand and apply
1. Design and discovery of Biomolecules and its graphics
 2. The role of drug design in Biochemistry
 3. The concept of Bio molecular interactions and its evaluation by dynamically and thermodynamically
 4. The concept of PROTEOMICS & amp GENOMICS and its Applications.



Admission eligibility:

Candidates studying in B Pharm / Pharm D/M Pharm course at Nirmala College of Pharmacy, Muvattupuzha, Emakulam.

Assessment mode:

Theory Exam -Multiple choice questions(1hr)

Passing criteria:

Candidate must have at least 80% attendance in both theory and practical sessions and must score at least 50% marks in the examination

Course coordinator :

Mrs. Saranya TS, Assistant Professor,
Department of Pharmaceutical Chemistry, Nirmala College of Pharmacy.

Award of certificate

Course completion certificate will be issued those who pass the course successfully.



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