Module Description

This is more applicable pharmaceutical drug design course for fourth year pharmacy students. The course is designed so that students gain understanding on the concept of the drug discovery process, sources of lead compounds, drug-receptor interactions, and design of agonists, antagonist, and partial agonist, method of lead optimization as well as steric features of drugs. Essentially students will thoroughly study pro drug approach (drug latenation), quantitative structure- activity relationship (QSAR) and molecular modeling (computer aided drug design CADD).