

Name

Shivam Gupta

Degree

M.Tech (Aug 2017 - Jul 2019)

Project Title

Analysis the transport of the drugs molecules through the bacterial pumps with the help of molecular dynamic simulation.

Courses

- Interfacial and Colloidal Phenomena
- Chemical Reaction Engineering
- Petroleum Refining
- Thermodynamics
- Modelling in Chemical Engineering.
- Molecular Dynamics Simulations
- Transport Processes
- Heat and Mass Transfer
- Fluid Dynamics
- Plant Design
- Heterogeneous Catalyst Reactor
- Process Dynamics and Control
- Numerical and Statistical Methods

Skills

- Programming languages: Python
- Softwares: COMSOL, Aspen Plus.
- Molecular dynamics simulation