

Name: MD. ASLAM ANSARI

Program: Ph.D. (2014-till date)

Project Title: Modeling of redox flow battery (Ph.D. ongoing project)

Courses: Transport Phenomena, Computational Transport Process. Numerical Method, Linear Algebra, Modeling in Chemical Engineering, Chemical Reaction Engineering, Classical Thermodynamics, Statistical Thermodynamics, Experimental Method in Chemical Engineering, Electrochemistry, Interfacial and Colloidal Phenomena

Skills:

- **Experimental:** Electrochemical Instruments/Analysers (Potentiostat/Galvanostat System). Electrochemical Impedance Spectroscopy (EIS), Particle Image Velocimetry (PIV) technique, UV-Vis spectroscopy, Optical density meter, Scanning Electron Microscope (SEM), XRD
- **Computer Language:** C/C++
- **Engineering Software:** COMSOL Multiphysics, Dynamic Studio, ANSYS Fluent, Gambit, ICEM CFD, Matlab, OriginLab, Tecplot, Latex, Excel

Tentative date of graduation: June 2019