

Name

Aashish Thakur

Degree

M.Tech (Aug 2017 - Jul 2019)

Project Title

Enhancing the cyclability of soluble lead redox flow battery by improving adhesion of deposits on electrodes

Courses

Transport phenomena

Thermodynamics

Chemical Engineering mathematics

Numerical Methods

Modelling in chemical engineering

Interfacial and colloidal phenomena

Chemical reaction engineering

Finite element method

Statistical Thermodynamics

Applied statistics and design of experiments

Symmetry and structure in solid state

Skills

Programming languages: C, Java, FORTRAN

Softwares: MATLAB-Simulink, Aspen Plus, Ansys Fluent, COMSOL

Experience with SCADA systems in bench and pilot scale plants