

## **Education**

Currently pursuing PhD in chemical engineering and biosystems engineering at *Michigan State University, East Lansing, MI*. Enrolled in August 2018.

Bachelor of Chemical Engineering, *Institute of Chemical Technology, Mumbai, India*, 2014-2018

## **Experiences**

**Graduate Research** 2018-present

- Designed and executed experiments to study electrocatalytic hydrogenation (ECH) of bio-oil model compounds including 4-propylguaiacol and furfural using a ruthenium catalyst
- Identified conditions at which ECH reactions can be performed favorably for further investigative and optimization studies using bio-oil and its fractions

**Graduate Teaching Assistant** 2019-2020

Courses:

- CHE 311 Fluid Flow and Heat Transfer
- CHE 210 Modeling Analysis of Transport Phenomena

**Process Engineering Intern** May-June 2017

Panorama Consulting and Engineering (Mumbai) LLP

- Performed material and energy balance computations for a chemical process
- Process design of reactors, heat exchangers and distillation columns

**Undergraduate Research Intern** 2016-2017

- Designed and executed experiments to extract phenolic compounds from *Ocimum tenuiflorum* using Deep Eutectic Solvents

## **Activities**

**Student Alumni Representative** 2016-2017

UDCT Alumni Association, Institute of Chemical Technology

**Summer Intern** May-June, 2015

UDCT Alumni Association

## **Awards**

**Engineering Distinguished Fellowship, College of Engineering, MSU** 2018-2019