

Name of the faculty : MOUSUMEE DAS



Employment Details:

Present position: Assistant Professor (Part Time)

Date of joining service: 01/09/2018

Educational Details:

- M.Tech in Polymer Science and Technology from Tezpur University, Assam.
- B.E. in Chemical Engineering from Assam Engineering College, Guwahati, India.

Areas of Interest :

- Polymer Technology
- Process Utilities
- Energy Engineering

List of M.Tech projects:

1. Remediation of Arsenic from contaminated water **by chitosan coated carbon nanotubes**
2. **Iron Oxyhydroxide crosslinked starch-GMA/clay nanocomposite for Arsenic remediation** from water

List of Workshops/ Short term courses attended:

- Workshop on Fluoride Nilogon organized by the Department of Chemical Sciences, Tezpur University and Dengaon Higher Secondary School, Karbi Anglong on 25th March, 2017
- National workshop on NEMS/MEMS Theranostic Devices organized by Centre for Nanotechnology, IITG from 26th to 28th February, 2018
- Short term course on Green Technology for Sustainable Development organized by Department of Chemical Engineering, AEC from 17th to 21st December, 2018
- Faculty Development Program on Research Methodology and Pedagogy in Teaching Learning organized by ASTU and Department of Chemical Engineering, AEC from 20th to 31st May, 2019
- Workshop on Renewable Resources and Sustainable Technologies organized by ASTU from 3rd to 4th September, 2019

- One Day symposium on Gandhi and Technology-Perspectives And Approaches organized by ASTU on 22nd November, 2019
- National Workshop on Rise of Arsenicosis and Fluorosis like diseases in the North Eastern states of India-technologies and techniques for mitigation conducted by centre for the Environment, IITG on 23rd and 24th January, 2020
- Faculty Development Programme on Upstream and Downstream Petroleum Processing in NE Region – Issues and Challenges organized by Department of Chemical Engineering, AEC from 17th to 21st February, 2020
- Workshop on Smart City Development in India-Prospects and Problems organized by ASTU on February 29th, 2020

Courses taught:

- Fundamentals of Chemical Engineering
- Process Utilities
- Energy Engineering
- Alternative Energy Resources
- Environmental Pollution Control Engineering
- Mechanical Operation