

# New Faculty Bio

**Name:** SAKIL MAHMUD

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**Position:** Assistant Professor of Polymer Engineering

**Department of:** Chemistry and Physics

## **Bio:**



Dr. Mahmud has over 10 years of experience in both academia and industry, serving both locally and internationally. Before joining Lincoln University, he worked as a PD research fellow at the 1980s Land Grant Institute and HBCU under multiple projects, including the National Institute of Food and Agriculture (NIFA) Capacity Building Grant (CBG) program of the USDA. In 2022, he secured National Science Foundation (NSF) funding through the Louisiana Materials Design Alliance (LAMDA) as a principal investigator (PI). In 2023, he was designated among the top 2% of scientists in the world, as identified by standardized citation indicators published by Elsevier. He also serves as an Editorial Board Member and Associate Editor for Emerald ICE Publishing, primarily handling the "Surface Innovations" journal. Dr. Mahmud has authored around 100 publications, including scientific articles, review papers, book chapters, short communications, and conference proceedings. In addition to leading an independent research group as PI at Lincoln University, he actively collaborates with researchers from national and international universities.

## **Educational Background:**

Postdoc. Mechanical and Industrial Engineering (Louisiana State University, USA)

Ph.D. Chemistry and Physics of Polymers (Chinese Academy of Sciences, China)

## **Classes Taught:**

General Chemistry, Physical Science, Polymer Science.

## **Research Interest:**

- Polymer synthesis, functionalization, and composition.
- Nanomaterial synthesis for multifunctional applications.
- Membrane technology, wastewater treatment, and catalysis.
- Surface engineering, smart, and functional materials.

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