

## Dr. Dibyajyoti Haldar's Profile



**Dr. Dibyajyoti Haldar, M.Tech, Ph.D**

### NAME with Qualification

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DESIGNATION: Assistant Professor

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SCOPUS ID :

Date of Joining : 08/09/2021

### Academic Background

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Degree	University	Year
Postdoc		2021
Ph.D		2018
M.Tech.		2013
B.Tech.		2009

## Courses Taught

NA

## Research Interests

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- Lignocellulosic Bioprocessing
- Enzyme Technology
- Conversion of waste residues into value-added products

## MOST RECENT PUBLICATIONS

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- Banhisikha Debnath, **Dibyajyoti Haldar** and **Mihir Kumar Purkait**. (2021) A critical review on the techniques used for the synthesis and applications of crystalline cellulose derived from agricultural wastes and forest residues, *Carbohydrate Polymers (Elsevier)*, **IF=9.381**, 273, 118537.
- Banhisikha Debnath, **Dibyajyoti Haldar** and **Mihir Kumar Purkait**. (2021) Potential and sustainable utilization of tea waste: A review on present status and future trends, *Journal of Environmental Chemical Engineering (Elsevier)*, **IF=5.909**, 9 (5), 106179.
- Satyajit Bhattacharjee, **Dibyajyoti Haldar**, Mriganka Sekhar Manna, Kalyan Gayen and Tridib Kumar Bhowmick. (2021) A sustainable approach to enhance fruit shelf-life: Edible coating from pineapple fruit waste biomass, *Journal of Applied Polymer Science (John Wiley & Sons, Inc.)*, **IF=3.125**, 138 (15), 50497.
- **Dibyajyoti Haldar** and Mihir Kumar Purkait. (2021) A review on the environment-friendly emerging techniques for pretreatment of lignocellulosic biomass: Mechanistic insight and advancements, *Chemosphere (Elsevier)*, **IF=7.086**, 264, 128523, Citations: 23.
- Prangan Duarah, **Dibyajyoti Haldar** and **Mihir Kumar Purkait**. (2020) Technological advancement in the synthesis and applications of lignin-based nanoparticles derived from waste agricultural residues: A review, *International Journal of Biological Macromolecules (Elsevier)*, **IF=6.953**, 163, 1828-1843. Citations: 7.

## PROJECTS HANDLED

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NA

**PATENTS PUBLISHED/GRANTED**

NA

**Memberships in Professional Bodies**

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NA