

AINDRILA BOSE

Chemical Engineer

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West Bengal, IN

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EDUCATION

Heritage Institute of Technology

Bachelor of Technology, Chemical Engineering

August 2018 – Ongoing [Expected: May 2022]

- CGPA: 9.0/10 [Among the Top Four]

Rammohan Mission High School

Council For The Indian School Certificate Examinations

April 2010 – May 2018

Kolkata, IN

- ISC: 93.5%
- ICSE: 96.8%

TRAINING AND WORKSHOP

- Workshop on “Process Modelling and Simulation using Aspen Plus and Application of Artificial Intelligence in Process Industries.” NIT Durgapur
- Chemical Engineering Thermodynamics. IIT Kanpur
- Computational FLuid Dynamics Online
- Workshop on Nanotechnology & Nanomaterials for Interdisciplinary Application MNIT, Bhopal
- Workshop on Hydroprocessing Technologies in Petroleum Refinery. NIT, Jalandhar
- Online Workshop on Advances in Materials Manufacturing Process and Properties MANIT Jaipur
- Challenges and Mitigation Methods in Renewable Energy Power Systems CMR Institute of Technology
- Indo-Canada SPARC Workshop on RF Energy Harvesting System, REHS-2020. NIT Silchar, Queens University
- Trends and Prospects in Bio-refinery NIT Jalandhar
- COVID19: Biomedical Insights into an Evolving Epidemic National University of Singapore

ACHIEVEMENTS



Topper

Essay on the topic "Laser, Plasma and Accelerator Technologies for a Self-Reliant India" which was selected for the prize at the 32nd DAE All India Online Essay Contest on Nuclear Science & Technology



Mitacs GRI Intern

Selected as a Summer Intern in Mitacs, one of the World's most competitive Internship Programme



Qualified GATE in 3rd Year

Qualified and within 10 percentile in GATE, one of the toughest entrance exam in the world taken by over 9 lakh candidates.

TECHNICAL SKILLS

Aspen Plus

Fluent

CFD

SAM

Autocad

MATLAB

Python

HTML

Java

INTERNSHIP

Summer Internship

Indian Oil Corporation, Guwahati Refinery

July 2021

Remote

Online Summer Internship Program on Petrochemicals Engineering

Indian Institute of Chemical Engineers (IICChE)

July 2020 – Aug 2020

Remote

Online Summer Internship Program on Six Sigma

Indian Institute of Chemical Engineers (IICChE)

Sept 2020 – Oct 2020

Remote

Content Developer

Gradestack Learning Pvt. Ltd (GradeUp)

April 2019- April 2020

Remote

PROJECTS

Mathematical Modelling of a Solar Water Heating System

ICABET, HITK

Nov 2019 – Jan 2020

- This paper studies in detail the solar thermal energy storage system used for water heating purposes by evaluating the performance and conducting various studies on the system and a mathematical model is developed using SAM software where the efficiency of system and major factors affecting the system are determined.

REFEREE

Dr. Chayan Sarkar

c.sarkar@iocb.ictmumbai.edu.in.

Institute of Chemical Technology, Indian Oil Campus Bhubaneswar