

ASHVINI KUMAR UPADHYAY

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PERMANENT ADDRESS/CORRESPONDING ADDRESS

VILL-SISWAN, PO-BABATPUR, DISTT- VARANASI, UTTAR PRADESH, INDIA-221006

CAREER OBJECTIVE

To Work in an organization where culture of freedom and working for initiatives is ensured, facilitating my contribution through thoughts and action to the company's vision and thus achieve self-development by playing a significant role in building the organization. Utilizing my skill and knowledge to be the best of my abilities and contribute positively to my personal as well as growth of the organization.

EDUCATIONAL QUALIFICATION

QUALIFICATION	UNIVERSITY/BOARD	YEAR OF PASSING	PERCENTAGE/CGPA
M. Tech.	Indian Institute of Technology, Guwahati	2019	7.42/10
B. Tech.	IET MJP Rohilkhand University, Bareilly	2016	7.42/10
SSC	Uttar Pradesh Board	2011	60%
HSC	Uttar Pradesh Board	2009	52.5%

Projects/Training

Industrial Training

IOCL, Barauni, Bihar

Jun 2015 - July 2015

Motor spirit quality up gradation (MSQ), Atmospheric Vacuum Unit (AVU), Catalytic reforming unit (CRU), Cocker, and OMS.

Projects

- **Measurement and ASPEN based simulation of deep eutectic solvent based nanofluids for thermal application** *May 2018 – July 2019*

Prof. Tamal Banerjee, professor, Dept of Chemical Engg. , IIT Guwahati

The present work involves ASPEN based simulation and thermophysical property measurement of synthesized nanofluids.

- **Isothermal Fixed bed catalytic reactor**

March 2018

Dr. Mahuya De, Associate professor, Dept. of Chemical Engg. , IIT Guwahati
It was a term project on designing of isothermal fixed bed catalytic reactor.

- **Kinetics of reaction of Benzyl Chloride with H₂S-rich aqueous monoethanolamine under liq. - liq. - liq. Phase transfer catalysis**

March 2016

M. S. Karuna, Head Dept of Chemical Engg. IET MJP Rohilkhand University, Bareilly.

This Study was done for the production of DiBenzyl sulphide and other organic sulphide with the treatment of H₂S on 100% selectivity and max. conversion by using the catalyst PEG-400.

Technical Skill

Operating System: Windows, Linux.

Programming Languages: C, MATLAB.

Simulation Software: ANSYS (FLUENT), ASPEN PLUS.

Computer Application: MS Office.

Key Courses Taken

- Computer Aided Numerical Method
- Advanced Thermodynamics
- Advanced Clean Fuel Technology
- Energy Resources
- Process Dynamic and Control

Achievements/Responsibilities

- Teaching assistant at IIT Guwahati from Aug 2018 to July 2019.
- Attended TEQIP short term course on “Advanced Wastewater Treatment System for Emerging Contaminant: Special Emphasis on Hospital Liquid Waste Management” organized by IIT -Khargpur in 2019.
- Attended and Active committee member of TEQIP Faculty development program on “Green Chemistry” 2020.
- 3 year experience as online tutor in Chegg. India.

Personal Data

Father's Name : Mr. RAMASHARE UPADHYAY

Mother's Name : Mrs. MADHUBALA UPADHYAY

Sex : Male

Nationality : Indian

Languages known : English, Hindi.