

CURRICULUM VITAE

Name - Mod Monis

Address - Dabki Junnardar Bajoria Road Saharanpur (U.P.)

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CAREER OBJECTIVE

Work and learn that contribute best for the growth of the organization by continue developing and sharing my skill ability.

EDUCATION QUALIFICATION

STANDARD	INSTITUTE/ UNIVERSITY	PERCENTAGE	YEAR OF PASSING
MASTER OF SCIENCE (INDUSTRIAL CHEMISTRY)	ALIGARH MUSLIM UNIVERSITY	Currently Perusing	2022
BACHLOR OF SCIENCE (INDUSTRIAL CHEMISTRY)	KURUKSHETRA UNIVERSITY	66.48	2020
INTERMEDIATE	UP BOARD	69.00	2017
METRICULATION	UP BOARD	76.17	2015

INSTRUMENT EXPERIANCE

I have handled these instruments include:-

- Oven and muffle furnace
- Column and thin layer Chromatography
- Determined Density , Viscosity and Calorific value
- Determined Cloud point, Pour Point and Flash point
- Distillation and Extraction

Theoretical knowledge about analytical techniques includes:-

- NMR Spectroscopy
- FTIR spectroscopy
- UV-Visible Spectroscopy
- HPLC and GC etc.

AREA OF INTEREST

- Research and Development (R&D) Department.
- Analytical Laboratory and
- Quality control.

ACHIEVEMENTS

- **National Chemistry week 2021 :- Secured Third Position** in the Online Meme Competition during National Chemistry Week 2021 organized by the **American Chemical Society** in **Aligarh Muslim University**.

INDUSTRIAL TRAINING

I have completed two months training on “**Effect of slurry based additive on flow assurance of Indian waxy crude oil**” in **CSIR-Indian institute of Petroleum**, under the supervision of **Dr. Manisha Sahai**. This training includes:-

- To minimize precipitation of crude oil inside the pipeline which placed under the sea
- Finding pour point of crude oil.
- Characterization of crude oil using column chromatography.
- Characterization of crude oil using NMR and FTIR spectroscopy.

PROJECT

I have completed a project on “**Bio-diesel synthesis from used mustard oil utilizing waste egg-shell derived calcium based metal oxide catalyst**” in Industrial Chemistry Lab, **Aligarh Muslim University**, under the supervision of **Dr. Wasi Ur Rahman** and **Er. Abu Mustafa Khan**.

This project includes:-

- Preparation of calcium based catalyst by waste egg-shell.
- How much increase the yield of bio-diesel using this calcium based catalyst.
- Determine cloud point, flash point, specific gravity, kinematic viscosity.

SKILLS

- learn something new
- Read and Research everything
- To do something new every day

STRENGTHS

- Strong work ethic
- Honesty
- Versatility
- Punctuality

REFERENCES

PROFESSOR ANEES AHMAD

Professor and coordinator of Industrial Chemistry

Department of Chemistry (Industrial Chemistry)

Aligarh Muslim University

Contact – 9536322688, aneesahmad@yahoo.com

Dr. MOHAMMAD ZAIN KHAN

Assistant Professor

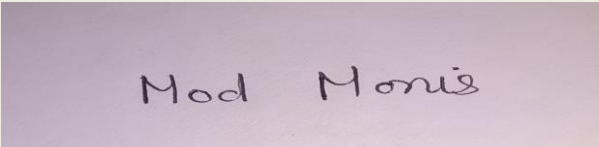
Department of Chemistry (Industrial Chemistry)

Aligarh Muslim University

Contact – 8266057545, mzkindchem@gmail.com

DECLARATION

I hereby declare that information given above is correct and true.



Mod Monis

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