

MOHD. SHAYAN SUHAIL

Chemical Engineer

Personal Information

• Profile Summary

As a fresh post-graduate chemical engineer, I am seeking job opportunity in some reputed engineering firm in order to serve and build a long-term career using my knowledge and skills. I am eager to learn new things with full enthusiasm and sincerity to give my best output for the organization.

• Internships



Internship at the **Luggage Point Wastewater Treatment Plant** operated by **Queensland Urban Utilities, Brisbane, Australia**, during Master's coursework thesis project.

Duration: Semester 2, 2018 - Semester 1, 2019.



Summer Vocational Training at **Indian Farmers Fertilizer Cooperative Limited, Aonla, Bareilly, Uttar Pradesh, India**.

Duration: 15th June, 2016 - 14th July, 2016.

• Education



The University of Queensland, Brisbane, Australia.

Master of Engineering (Chemical Engineering) 2018 – 2019.

CGPA of 4 semesters: 5.75 (On a scale of 7). Equivalent to 72.5%



Aligarh Muslim University, Aligarh, India.

Bachelor of Technology (Chemical Engineering) 2013 – 2017.

CPI: 7.140 (On a scale of 10).

• Projects



• **Master's Thesis:** Achieving Stable Partial Nitritation through Sludge Treatment with free Nitrous Acid

• **Master's Project:** Production of Polyhydroxyalkanoates (PHA) from sugarcane juice



• **B. Tech Project:** Production of Citric Acid from Molasses

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Competencies

Efficiency in 'Report Writing' and 'Presentations'; completing tasks within deadlines; tactical and strategic planning & management of projects; experience of team work; interest in knowing new innovative research in the field; punctuality, sincerity and dedication are inherent.

Technical Skills

Computer Skills:

C++, Microsoft Power Point, Excel, Word etc.

Packages Used:

MAT Lab, Aspen Plus and Visio

Operating System Used:

Windows 10, 8.1, 7, Vista & XP

Communication:

SMS, WhatsApp, Facebook messenger etc.

Language Proficiency

English and Hindi

Work Rights

Post study work visa (485), Australia

Driving License

Indian

Date of Birth

31st August 1994

LinkedIn profile

<https://www.linkedin.com/in/mohd-shayan-suhail-93059a12a/>

• Achievements

- ‘**Certificate of Excellence**’ award for standing **FIRST** in the **Event – Chem E Car** held on 18th April 2016, at Aligarh Muslim University, India.
- Seminars/Conferences/Workshops attended: 8
- Abstract Published:
Study of Microfluidic Production of Porous Chitosan/Silica Hybrid Microspheres, SCHEMCON - 2017.
- Papers presented:
 - The Advancement in Bioelectronics, PARADIGM – 2015.
 - A New Method for Characterization of Shale Properties, PETROTECH – 2016.
- Papers published:
 - A Review of Dust Explosion Protection Techniques, *International Journal of Advanced Technology in Engineering and Science* (2016).
 - An Overview of Chemical Protective Clothing, *International Journal of Advance Research in Science and Engineering* (2017).
 - Analysis of the Properties of Porous Chitosan/Silica Hybrid Microspheres, *International Journal of Advance Research in Science and Engineering* (2017).

• Affiliations

Member of:

- Alumni  UQ, Australia, 2020.
-  Engineers Australia (2018 – 2019).
-  Chemical Engineers Students Society, ChESS, UQ (2018).
-  AIChE and  IChemE, (2013 – 2019).
-  IAHE and  IICHE (2013 – 2017).
- Chemical Engineers Club,  SACHES, A.M.U., Aligarh (2013 – 2017).
- Tennis Club,  A.M.U., Aligarh (2013 – 2015).

References:

Available on request.