



Mohd Yusuf

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Career Objective

Looking for a challenging research position in a dynamic educational organization where I can do Research, teach and lend my skills and strength in conjunction with company's goals and objective with independent responsibility. Willing to work in an organization where hard work and talent is recognized and rewarded through fast career growth and matching job compensation.

Academic Qualification

Doctor of Philosophy (Chemical Engineering)

Universiti Teknologi Petronas (Pursuing, January 2019)

Master of Technology (Petroleum Processing & Petrochemical Engineering) SPI - 10/10
Aligarh Muslim University, (Jul 2013 - May 2015)

Bachelor of Technology (Chemical Engineering) CPI – 7.623/10
Aligarh Muslim University, (Jul 2009 - May 2013)

Intermediate (+2 Boys) AMU, Aligarh, Apr 2007 – 2008 65%

High School (St Mary's Academy) Saharanpur, (Apr2005-2006) 88%

International English Language Testing System 7.0/9
(IELTS, Academic Module, April 2018)

Graduate Record Exam Analytical – 159/170, Verbal – 135/170
(GRE General, December 2013)

Research Interests

The research area of my interest includes Biofuels synthesis, Waste water treatment, Conducting polymers, Enhances oil recovery, Solid waste management, Biomass & waste to energy, Natural gas hydrates, Optimization of reaction's parameters for Biodiesel production, gas sweetening. I have several research publications in national and international journals.

My research area includes but not confined to that of above research fields. I am interested and looking forward in exploring the new horizons of research in other fields of Chemical, Petroleum & Environmental Engineering as well.

Employment History

Head, Department of Petroleum Engineering at Glocal University.

(Sept. 2107 - Dec 2018)

Assistant Professor & **Training Placement Coordinator**, Department of Petroleum Engineering, Glocal University, India.

(Apr. 2016–Dec 2018)

Research Associate, Department of Petroleum Engineering, Glocal University, India.

(Apr2015–Mar 2016)

Scholarships & Awards

2014 Awarded merit scholarship in my Master's through Teqip grant ,AMU, Aligarh.

2011 Awarded merit cum mean scholarship during by bachelor's program by the Indian Government.

2009 Awarded merit cum mean scholarship during by bachelor's program by the Indian Government.

Work Experience/ Achievements

- Associate editor of Petroleum & Petrochemical Engineering Journal (PPEJ), Michigan, USA.
(URL: - <https://medwinpublishers.com/PPEJ/editorial-board.php>)
- Faculty coordinator of University Cultural Club, The Glocal University.
- Selected for PhD program in Chemical Engineering at IIT Roorkee in 2017, but couldn't join due to scarcity of scholarship.
- Worked as a team member for documentation for University Grant Commission (UGC) inspection.
- Established Petroleum Engineering Laboratories in the Department of Petroleum Engineering, Glocal University.

- Designed course curriculum for undergraduate program (B.Tech. Petroleum Engineering curriculum).
- Taught B.Tech. students of different nationalities (Ivory Coast, Nigeria, Ethiopia, Nepal, India) subjects (Biomass & Waste to Energy, Enhanced Oil Recovery, Biofuels Synthesis, Polymer Sciences, Introduction to Petroleum Operations, Petroleum Processing & Refining Techniques, Petrochemicals, Chemical Reaction Engineering, Process dynamics & Control, Electrochemistry, Petroleum Testing Laboratory, Chemical Thermodynamics, Alternative Sources of fuel) from 3rd February 2015 till date in Department of Petroleum Engineering, Glocal University.
- Working as a team member in Quality Assurance Cell (QAC) of Glocal University.
- Working as training & placement coordinator in TPO at Glocal University.

Publications/Work submitted/Work in progress

- Research paper published in “International Journal Of Applied Engineering Research” entitled as “Biodiesel production from waste frying oil and checking the feasibility of different blends of biodiesel with petrodiesel”, authors **Mohd Yusuf**, Moina Athar, Md. Danish Egbal, ISSN Number -0973-4562, Volume 8, Number 3(2013), Page 67-69, (Research India Publications) held at Jawaharlal Nehru University, New Delhi, India.
- Research paper published in “7th International Congress of Environmental Research ICER-14” entitled as ‘Conducting Polymers’, authors **Mohd Yusuf**, Abdullah, ISBN Number 978-81-909399-7-9, PIN:- 909379, Category-5, Addition year 2014 organized and published by ‘Journal of Environmental Research and Development’ (JERAD) Publications, Bhopal, India, held at R. V. College of Engineering, Bangalore, India.
- Research paper published in “International Journal of Energy Research and Environmental Technology (JERET)” entitled as ‘Microwave method of Biodiesel Production’ authors **Mohd Yusuf**, Moina Athar, Print ISSN: 2394-1561; Online ISSN: 2394-157X; Volume 2, Number 1; January-March, 2015 held at Jawaharlal Nehru University, New Delhi, India.
- Research paper published in “Journal of Biofuels” entitled as ‘Biodiesel Production Using Hexane as Co-Solvent’ authors **Yusuf Mohd**, Athar Moina Print ISSN: 0976-3015; Online ISSN: 0976-4763; DOI: [10.5958/0976-4763.2015.00013.6](https://doi.org/10.5958/0976-4763.2015.00013.6), Volume: 6 Issue: 2 Pages: 88-91; July 2015.
- Research paper published in “Journal of Environmental Research & Development {**impact factor:- 4.301**} (JERAD)” entitled as ‘Natural Gas Hydrates: The future’s fuel’ author **Mohd**

Yusuf, Print ISSN: 0973-6921; Online ISSN: 2319-5983; Volume 10, Number 04; April-June 2016.

- Published research review entitled as “Selection of amine in natural gas sweetening process for acid gas removal- A review of recent studies” in Petroleum and Petrochemical Engineering Journal, Volume-1, Issue-3, May-July 2017, Medwin publishers, Michigan, USA.
- Currently teaching & working on research related to “biodiesel production using algal oil”.

Presentations/ Conferences/ Posters/ Workshops/ Certificates

- 2011 Workshop on 'Fire Prevention and Safety Management and 5S concept organized by National Small Industries Corporation Limited' (NSIC,ISO:2008).
- 2011 'AMU Future energy leaders conclave' organized by AMU students union.
- 2011 Summer Internship In Ammonia Manufacturing Plant At IFFCO, Aonla ,Bareilly.
- 2013 Participated in one day National Symposium on ‘Nanotechnology’ for Chemical Engineers Application’ at Z.H.College of Engineering and Technology, Aligarh Muslim University.
- 2013 National Seminar on Green Technologies for Sustainable Environmental Management held at Doon University, Dehradun, India.
- 2014 Presented research paper at the most reputed chemical engineering conference in India(CHEMCON-2014) on the subject “Biodiesel Production Using Microwave Method” held at Panjab University, Chandigarh, India.
- 2014 “7th International Congress of Environmental Research ICER-14” organized and published by Journal of Environmental Research And Development (JERAD) Publications, Bhopal, India, held at R. V. College of Engineering, Bangalore, India.
- 2015 Worked as a team member in organising a two-day National Workshop-Cum-Conference on “Judicial Dissent: A Conceptual And Contextual Audit Of Decision-Making In Supreme Court Of India” (4-5 April, 2015)at the Glocal University, Saharanpur,U.P., India.
- 2015 *HEEcon-2015 (Hydrocarbon, Energy & Environment Conference)* held in “Department of Petroleum Studies” at “Aligarh Muslim University”, Aligarh.
- 2016 Research paper selected in “5th International Symposium on Fusion of science & Technology” (IFSC-2016 held at New Delhi.
- 2016 Research paper selected and published in “8th International Congress of Environmental Research” held at **Luebeck, Germany** on July 2016.
- 2017 Research paper selected and presented (oral) in PEDJP-2017 on “Studies on Rheological Behaviour of Xanthan Gum Solutions In Presence Of Additives” in international conference held at Indian School of Mines, **IIT Dhanbad** on 12-14th January,2017.

2018 Attended short term course (sponsored by AICTE) on “Advances in Petroleum Production Engineering” in Department of Ocean Engineering (Petroleum Engineering) at **IIT Madras**.

2019 Research paper on “Carbon Capture” communicated and selected in international conference ICEE-2019 to be held in July 2019, at Putra Jaya, Malaysia.

Extra Curricular Activities

- Currently working as Faculty coordinator in Cultural Club, Glocal University (August 2015-Present)
- Selected as Mr. Fresher of my batch in Bachelor of Technology (2009).
- Award winner in “SURTARANG” a National Level Talent Hunt, in singing competition sponsored by HERO HONDA.
- Winner of singing competition in college fest ‘Zarf 2013’ held at ‘Zakir Husain College of Engineering & Technology’, AMU, Aligarh.
- Winner in various "singing and painting competitions" in college, pre college and district level.
- Winner of singing competition in "RESONANCE 2002" a cultural fest organized by "IIT ROORKEE".

Languages Known

English – Proficient level in reading, writing, listening & speaking.

Urdu – Intermediate level in reading, writing, listening & speaking.

Hindi – Proficient level in reading, writing, listening & speaking (Mother tongue).

Arabic- Basic level in level in reading, writing, listening & speaking.

Other Details

Passport Number:- T0958272 (Valid till Jan 2029)

Place of Issue:- Ghaziabad, India

Marital Status :- Married

Referees

1. **Dr. Najam Sardar**

Associate Professor, Department of Petroleum Studies
Zakir Husain College of Engineering and Technology
Aligarh Muslim University, Aligarh
Phone No. +571-2721177(R) 2700920 ext. 3174 (Office)
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2. Moina Athar

Assistant Professor, Department of Petroleum Studies
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Declaration

I declare that the above information is correct to the best of my knowledge.



MOHD YUSUF