


Curriculum Vitae

Dr. Mohammad Ashraf	
<p style="text-align: center;">Academic Rank <i>Associate Professor</i> Email: Mashrafali@Jazanu.edu.sa</p>	
<p style="text-align: center;">Education</p> <ul style="list-style-type: none">• PhD, Chemical Engineering, University of Bath, United Kingdom, (1995-1998).• Master of Science, Chemistry, King Fahd University of Petroleum and Minerals (KFUPM), KSA, (1984-1987).• Bachelor of Science, Institute of Chemistry, University of Sindh, Pakistan, (1978-1981).	
<p style="text-align: center;">Academic Experience</p> <ul style="list-style-type: none">• Jazan University, College of Engineering, Department of Chemical Engineering, <i>Associate Professor</i>, (2017-Now), Full Time.• King Fahd University of Petroleum and Minerals (KFUPM), Research Institute, <i>Research Scientist II (Associate Professor)</i>, (2004 - 2016), Full Time.• King Fahd University of Petroleum and Minerals (KFUPM), Research Institute, <i>Research Scientist III (Assistant Professor)</i>, (1998 - 2004), Full Time.• King Fahd University of Petroleum and Minerals (KFUPM), Research Institute, <i>Scientist I (Lecturer)</i>, (1998 - 2004), Full Time.	
<p style="text-align: center;">Certifications or Professional Registrations</p> <ul style="list-style-type: none">• Training certification, CIBA Specialty Chemicals Training Center, Switzerland and KFUPM.• Training Certifications on HPLC operational training, Waters Corporation, USA.• Training Certifications on HPLC instruments training, Waters Corporation, UAE.	
<p style="text-align: center;">Current Membership in Professional Organizations</p> <ul style="list-style-type: none">• International Zeolite Association (IZA).• British Alumni Association (BAA), Eastern Province, KSA.• Royal Society of Chemist (RSC), United Kingdom.• University of Bath Alumni (UBA), Middle Eastern Chapter.• Saudi Chapter of International Society of Chemical Sciences-ACS (SAISCS-ACS).	
<p style="text-align: center;">Honors and Awards</p> <ul style="list-style-type: none">• Received many research awards for ISI publications, Jazan University, KSA.• Distinguished Researcher Award, KFUPM, (2002-2003).• JPI Distinguish Paper Award in gratitude of best paper published in JPI Journal, (2002).• Patent awards for thirteen (13) patents awarded by USPTO and JPO, KFUPM, (2002-2017).• Advisory Board Member Award, Pakistan Journal of Analytical Chemistry, (2005).• Visiting Professor Award, National Center in Analytical Chemistry University of Sindh, Pakistan, (2001).• Technical Committee Member Award, CHEMINDIX2009 Conference, Bahrain, (2009).• Technical Committee Member Award, LABTECH2011 Conference, Bahrain, (2011).• Outstanding Record of Achievement, Marquis Who's Who Organization for 5 years, (2001-2005).• Long Service Awards, Received 20 Years (2005) and 30 Years (2015) award, KFUPM, (2005-2015).	

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Recent Publications and Presentations

1. "A comprehensive and updated review of cyclohexane oxidation to produce KA oil", Ahmed Abutaleb and **Mohammed Ashraf Ali**, *Reviews in Chemical Engineering*, (2021).
2. UV-Photocatalytic activity of α -Fe₂O₃ nanoparticles, Mohd Imran, Ahmed Abutaleb, **Mohammed Ashraf Ali**, Tansir Ahamad, Akhalakur Rahman Ansari, Mohammad Shariq, Dinesh Lolla and Afzal Khan, *Materials Letters*, (2020).
3. "A comprehensive review for methanol to propylene conversion", **Mohammed Ashraf Ali**, Shakeel Ahmed, Nadhir Al-Baghli, Zuhair Malaibari, Ahmed Abutaleb and Ayman Yousef, *Catalysis Letters*, (2019).
4. "Selective production of propylene from methanol over ZSM-5/Monolith", **Mohammed Ashraf Ali**, Nadhir Al-Baghli, Mohammad Nisar, Zuhair Malaibari, Ahmed Abutaleb and Shakeel Ahmed, *Energy & Fuels*, (2019).
5. "Liquid Phase Selective Hydrogenation of Phenol to Cyclohexanone over Electrospon Pd/PVDF-HFP Catalyst", Ahmed Abutaleb, Dinesh Lolla, Abdulwahab Aljuhani, Hyeon Ung Shin, **Mohammad Ashraf Ali**, Aymen Yousef, Ibrahim Maafa and George G. Chase, *Fibers*, (2019).

Patents

1. "Method for forming light olefins from methanol", **Mohammed Ashraf Ali** and Shakeel Ahmed, *US Patent 9845271*, (2017).
2. "Method for methanol conversion to propylene", **Mohammed Ashraf Ali** and Shakeel Ahmed, *US Patent 9738570*, (2017).
3. "Monolith structure with metal nanozeolites", **Mohammed Ashraf Ali** and Shakeel Ahmed, *US Patent 9682367*, (2017).
4. "Honeycomb monolith structure with nanozeolites", **Mohammed Ashraf Ali** and Shakeel Ahmed, *US Patent 9675971*, (2017).
5. "Hydrogen spillover effect in catalysis", Shakeel Ahmed and **Mohammed Ashraf Ali**, *US Patent 9533293*, (2017).

Research Accounts

- **Google Scholar:** https://scholar.google.com/citations?view_op=list_works&hl=en&user=5nMmifIAAAAJ
- **Research Gate:** <https://www.researchgate.net/profile/Mohammad-Ali-123>
- **Scopus:** <https://www.scopus.com/feedback/author-affiliation/review.uri?afwFlowId=1621781219427>

Service Activities

- Presented lecture titled *Role of Saudi Petrochemical Industry in Development* for Jazan University Chemistry Department online seminars, 3 March (2021).
- Presented faculty research seminar on *methanol to propylene*, 23 January (2019).
- Peer reviewed of the *research manuscripts* from International Journals including, Proc. Safety. Env. Protec.; Chem. Eng. Chem.; Fuel Proc. Technol.; Appl. Catal.; Catal Today; Catal Commun.; Che. Eng. Res. Des.; Taiwan Ins. Che. Eng.; ACS Catal.; Che. Eng. Chem.; Ind. Eng. Chem, (995-2021).

Recent Development Activities

1. Workshop on Exam Template Specifications, Design, (1.5 Hr), Monday 23th February (2020). Workshop on Exam Template Specifications and Design, (1.5 Hr), Monday 23th February (2020).
2. Workshop on Program Learning Outcomes Assessment, Challenge, and Achievement, (3 Hr), Monday 27th January (2020).
3. Seminar on Preparing Self-Study Report, (3 Hr), Tuesday 21st December (2019).
4. Workshop on Surveys Analysis, (3 Hr), Tuesday 5th December (2019).
5. Workshop on the Pre Rubric KPIs, (2 Hr), Monday 2nd December (2019).