


Curriculum Vitae

Dr. Ibrahim Maafa	
<p style="text-align: center;">Academic Rank <i>Associate Professor</i> Email: Imoaafa@Jazanu.edu.sa</p>	
<p style="text-align: center;">Education</p> <ul style="list-style-type: none">• PhD, Chemical Engineering, University of Waterloo, Ontario, Canada, (2011-2016).• Master of Science, Chemical Engineering, University of Waterloo, Ontario, Canada, (2004-2006).• Bachelor of Science, Chemical Engineering, King Saud University, Riyadh, KSA, (1993-1998).	
<p style="text-align: center;">Academic Experience</p> <ul style="list-style-type: none">• Jazan University, College of Engineering, Department of Chemical Engineering, KSA, <i>Associate Professor</i>, (2021- Now), Full Time.• Jazan University, College of Engineering, Department of Chemical Engineering, KSA, <i>Assistant Professor</i>, (2017- 2021), Full Time.• Jazan University, College of Applied Industrial Technology (CAIT) in Baysh, Department of Chemical Engineering Technology, KSA, <i>Department Chair</i>, (2017- 2018), Full Time.• Jazan University, College of Engineering, Department of Chemical Engineering, KSA, <i>Lecturer</i>, (2010- 2017), Full Time	
<p style="text-align: center;">Non-academic Experience</p> <ul style="list-style-type: none">• SABIC R&T, KSA, <i>Research Engineer</i>, (2006-2010), Full Time.• SABIC R&T, KSA, <i>Process Engineer</i>, (1999-2006), Full Time.• SABIC, Petrokemya Company, KSA, <i>Trainee</i>, (1998-1999), Full Time.	
<p style="text-align: center;">Current Membership in Professional Organizations</p> <ul style="list-style-type: none">• Member, Canadian Society for Chemical Engineering (CSCHE).	
<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.• Appreciation Letters from Department of Chemical Engineering, Jazan University, KSA.• Recognized with award including second prize winner from SABIC for "Simplifying the EPS Pilot Plant Recipe Form".• Recognized with award the Best Total Quality Team for "Reduce Number of Experiments for commercial plant trial by Design of Experiments Using Minitab" from SABIC.• Recognized with award including 2nd prize winner from SABIC for supervision the best undergraduate project in the Department of Chemical Engineering, College of Engineering, Jazan University within Saudi Arabia, (2018).	
<p style="text-align: center;">Recent Publications and Presentations</p> <ol style="list-style-type: none">1. "KIT-6 induced mesostructured TiO₂ for photocatalytic degradation of methyl blue", Siraj Zahid, Ibrahim Maafa, Iqrash Shafiq, Nasir Shezad, Parveen Akhter, Wenshu Yang and Murid Hussain, <i>Environmental Science and Pollution Research Journal</i>, (2021).2. "Performance Analysis of the Perhydro-Dibenzyl-Toluene Dehydrogenation System—A Simulation Study", Farea Asif, Muhammad Haris, Murid Hussain, Arif Hussain, Ibrahim Maafa and Young-Kwon Park, <i>Sustainability Journal</i>, (2021).3. "Synthesis and characterization of NiS Nanoparticles@ Carbon Nanofiber Composite as Electrocatalyst for Methanol Oxidation", Ibrahim Maafa, <i>International Journal of Electrochemical Science</i>, (2021).4. "Pyrolysis of Polystyrene Waste: A Review", Ibrahim Maafa, <i>Polymers</i>, (2021).5. "One-pot preparation of CdO/ZnO core/shell nanofibers: An efficient photocatalyst", Ibrahim Maafa, Abdullah Al-Enizi, Ahmed Abutaleb, Nasser Zouli, Mohd Ubaidullah, Shoyebmohamad Shaikh, Mohammed Al-Abdrabalnabi and Ayman Yousef, <i>Alexandria Engineering Journal</i>, (2021).	

Curriculum Vitae

6. "Preparation and application of Poly (N-formylpiperidine) in the adsorption of Pb (II) from liquid phase", **Ibrahim Maafa** and Omer Bakather, *Ain Shams Engineering Journal*, (2020).
7. "Thermal conversion of polystyrene plastic waste to liquid fuel via ethanolysis", Nauman Ahmad, Nabeel Ahmad, **Ibrahim Maafa**, Usama Ahmed, Parveen Akhter, Nasir Shehzad and Murid Hussain, *Fuel*, (2020).
8. "Conversion of poly-isoprene based rubber to value-added chemicals and liquid fuel via ethanolysis: Effect of operating parameters on product quality and quantity", Nabeel Ahmad, Nauman Ahmad, **Ibrahim Maafa**, Usama Ahmed, Parveen Akhter, Nasir Shehzad, Murid Hussain and Momina Javaid, *Energy*, (2020).

Research Accounts

- **Google Scholar:** <https://scholar.google.com/citations?user=SJyoXioAAAAJ&hl=en>
- **Research Gate:** <https://www.researchgate.net/profile/Ibrahim-Maafa>
- **Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=55772293500>

Service Activities

- Member, Committee establishing a higher diploma program in Fire Protection Engineering (FPE), Department of Chemical Engineering, Jazan University, KSA.
- Member of the committee for preparing the strategic plan for research directions, Jazan University.
- Member, Departmental Social Activities Committee.
- Member, Departmental Student Advisory Committee.
- Member, Departmental Scientific Committee.
- Member, Department Industrial Advisory Committee.
- Member, Departmental Quality Committee.
- Member, Departmental Student Senior Project Committee.
- Member, Departmental Undergraduate Syllabus Committee.

Recent Development Activities

1. 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).
6. Workshop on Graduation Projects & Summer Training KPIs, (2.5 Hr), Thursday 26th November (2019).
7. Seminar on Rubrics Assessments, (3 Hr), Monday 27th October (2019).
8. Workshop on ABET Accreditation Standards, (2 Hr), Monday 7th October (2019).
9. Seminar on ABET Accreditation Requirements, (2 Hr), Monday 2nd September (2019).