


Curriculum Vitae

Dr. Abdel Samed Adam	
<p style="text-align: center;">Academic Rank <i>Assistant Professor</i> Email: Aabker@Jazanu.edu.sa</p>	
<p style="text-align: center;">Education</p> <ul style="list-style-type: none">• PhD, Chemical Engineering, PETRONAS University of Technology, Malaysia, (2008-2012).• Master of Science, Chemical Engineering, University of Khartoum, Sudan, (2005-2007).• Bachelor of Science, Chemical Engineering, University of Khartoum, Sudan, (1986-1992).	
<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>Assistant Professor</i>, (2013- Now), Full Time.• University of Khartoum, Faculty of Engineering, Department of Chemical Engineering, Sudan, <i>Assistant Professor</i>, (2012- 2013), Full Time.• University of Khartoum, Faculty of Engineering, Department of Chemical Engineering, Sudan, <i>Lecturer</i>, (2007- 2008), Full Time.• University of Khartoum, Faculty of Engineering, Department of Chemical Engineering, Sudan, <i>Teaching Assistant</i>, (1994- 1999), Full Time• Graduate Assistant in the Department of Chemical Engineering, Universiti Teknologi PETRONAS, Malaysia, (January 2012 - September 2012).	
<p style="text-align: center;">Non-academic Experience</p> <ul style="list-style-type: none">• PETRONAS Petrochemical Complex, Member of PETRONAS University research team for Exergy Study and Energy Optimization Project for PETRONAS Petrochemical Complex, Malaysia, (2009 - 2010).	
<p style="text-align: center;">Current Membership in Professional Organizations</p> <ul style="list-style-type: none">• Member, Sudan Engineering Society (SES).	
<p style="text-align: center;">Honors and Awards</p> <ul style="list-style-type: none">• Appreciation Letters from Department of Chemical Engineering, Jazan University, KSA.	
<p style="text-align: center;">Publications and Presentations</p> <ol style="list-style-type: none">1. "Modeling and optimization of refinery hydrogen network – a new strategy to linearize power equation of new compressor", Ahmed Mahmoud, Abdel Samed Adam, Jaka Sunarso and Shaomin Liu., <i>Asia-Pacific Journal of Chemical Engineering</i>, (2017). "Targeting for Optimum Heat Exchanger Network Design in the Context of Total Site", Abdel Samed Adam, M. I. Abdul Mutalib, Shuhaimi Mahadzir, <i>Proceedings of the International Conference on Process Engineering and Advanced Material</i>, Malaysia, (2012).2. "Improved Process Utility System Hardware Models", Abdel Samed Adam, M. I. Abdul Mutalib and Shuhaimi Mahadzir, <i>Proceedings of the International Conference on Process Engineering and Advanced Material</i>, Malaysia, (2010).3. "Energy Analysis of Process and Utility Systems in Total Sites", Abdel Samed Adam, M. I. Abdul Mutalib and Shuhaimi Mahadzir, <i>Journal of Science and Technology</i>, (2009).4. "A combined process integration and fuel switching strategy for emissions reduction in chemical process plants", A. Mahmoud, M. Shuhaimi, Abdel Samed Adam, <i>Energy</i>, (2009).5. "Retrofit of Heat Exchanger Network of a Crude Oil Distillation Unit", Abdel Samed Adam, A. A. Rabah and H. S. Ayoub, <i>Sudan Engineering Society Journal</i>, (2007).	
<p style="text-align: center;">Research Accounts</p> <p>Scopus: https://www.scopus.com/authid/detail.uri?authorId=54996915900 Google Scholar: https://scholar.google.com/citations?view_op=list_works&hl=en&user=Cy2yGyAAAAAJ Research Gate: https://www.researchgate.net/profile/Abdel_Samed_Adam2</p>	

Curriculum Vitae

Service Activities

- Coordinator, Following postgraduate programs, Department of Chemical Engineering, Faculty of Engineering, University of Khartoum, (December 4th (2012) - August 22nd (2013)):
 - 1) Master of Science (M.Sc.) in Chemical Engineering.
 - 2) Master of Science (M.Sc.) in Industrial & Environmental Engineering
- Coordinator and Editor, Department of Chemical Engineering Website, Jazan University, KSA, (2014 - 2019).
- Coordinator and Editor, College of Engineering Website, Jazan University, KSA, (2018 - 2019).

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).
10. A three days seminar on “Polymer Reaction Engineering” at Universiti Teknologi PETRONAS (UTP), from 13th to 15th August (2008).
11. Basic training course in the Staff Development Centre (SDC), University of Khartoum, from 27th November to 23rd December (1995). The training included Curriculum & Syllabus Development, Educational Psychology, Educational Technology, University Teaching Methods and Evaluation.