

Curriculum vitae (Dr. Ali A. Jazie)

Personal details:

Surname: Jazie
First name: Ali Abd Al-Hussein
Nationality/Religion: Iraqi/Moslem
Place & Date of Birth: Iraq/Al-Qadissiya 04/04/1976
Marital status: Married
No. of children: two
Languages: Arabic & English

Degrees Obtained :

- ❖ Ph.D in Chemical Engineering (Unit Operation), 2013, Banaras Hindu University/IIT, India, Thesis Title: "**Studies on Biodiesel production from some common oils**".
- ❖ M.Sc. in Chemical Engineering (Unit Operation), 2003, Technology University, Baghdad, Iraq. Dissertation Title: "The **performance of Liquid Propellant and Determination of Optimum Conditions for Complete Combustion** ".
- ❖ B.Sc. in Chemical Engineering ,1998, Baghdad University , Baghdad , Iraq . Graduation project Title: " **Production of Acetaldehyde** " .

Academic Experience:

1. 2014-----now : Member of the committee for the chemicals control
2. 2014-----2015 : Head of the Chemical Eng. Dept./Engineering college/Al-Qadissiya university/Diwanniya/Iraq.
3. 2014 : Member of the tenders analysis
4. 2013-----2014 :Head of the (examination committee in the chemical engineering department)+ (quality department)
5. 2008-----2010: Staff Member/ Instructor in Chemical Dept./Engineering college/Al-Qadissiya university/Diwanniya/Iraq.
6. 2006-----2007: Rapporteur of Engineering college /College of engineering /Al-Qadissya University/Iraq.
7. 2005-----2007: Staff Member/ Instructor in mechanical Dept./Engineering college/Al-Qadissiya university/Diwanniya/Iraq.
8. 2005 -----: Rapporteur of mechanical Dept / Engineering college /Al-Qadissiya university/Diwanniya/Iraq.
9. 2005 -----: Work in Consultant Engineering Bureau in Qadissiya University , Consultant in Environmental impact assessment of those (Diwanya, Babylon, Al-Muthana).
10. 2004-2005:Staff Member / Instructor in Al-Qadissiya University/College of Science, Physics Department/Iraq.
11. 2003-----:Lecturer in Diwanya Technical Institute/Iraq.
12. Member of many different committees along the years in the college and the university.

Memberships

1. Institute of research engineers and doctors (IRED), Membership No. AM10100052194.
2. Asia-Pacific Chemical, Biological& Environmental Engineering Society (APCBEEES), Membership No. 201467.
3. Iraqi engineers union member.

Subject which I taught:

Teaching the following courses:

1. Reactor Design
2. Basic principles of chemical engineering
3. Numerical methods
4. Thermodynamics
5. Mathematics
6. Chemistry
7. Linear algebra

In addition, supervisor of Three graduation projects in the field of " Energy and environment ".

These projects' titles are:

1. Pollutant Emissions from the Combustion of Heavy Fuels.
2. Blending of Liquid Fuel with Cheap Chemicals for low Pollutant Emissions.
3. Biodiesel production from micro algae using egg shell as a catalyst.
4. Polyvinyl acetate production.
5. Polyvinyl chloride production.
6. Biodiesel production from waste cooking oil.

Researches

1. Jazie, A. A., Pramanik, H., & Sinha, A. S. K. (2013). Transesterification of peanut and rapeseed oils using waste of animal bone as cost effective catalyst. *Materials for Renewable and Sustainable Energy*, 2(2), 1-10.
2. Jazie, A., Pramanik, H., & Sinha, A. S. K. (2013). Egg Shell as Eco-Friendly Catalyst for Transesterification of Rapeseed Oil: Optimization for Biodiesel

Production. *International Journal of Sustainable Development and Green Economics*, 2(1).

3. Jazie, A. A., Sinha, A. S. K., & Pramanik, H. (2012). Optimization of Biodiesel Production from Peanut and Rapeseed Oils Using Response Surface Methodology. *International Journal of biomass & renewables*, 1(2), 9-18.
4. Jazie, A. A., Pramanik, H., & Sinha, A. S. K. (2012). Egg Shell Waste-Catalyzed Transesterification of Mustard Oil: Optimization Using Response Surface Methodology (RSM). *2nd International Conference on Power and Energy Systems*, 56. IACSIT Press, Singapore.
5. Jazie, A. A., Pramanik, H., Transesterification Of Low Grade Edible Oil Mixtures: Mustard Oil, Rapeseed Oil And Peanut Oil. *Journal of Sustainable Energy and Environment*.
6. Jazie, A. A., High Performance and Low Pollutant Emissions From A Treated Diesel Fuel Using A Magnetic Field”, the Journal of Al-Qadissiya for Engineering Science ,Vol. 2 ,2008.
7. Jazie, A. A., Effect of Eccentricity on The Pressure and Velocity Gradients Along A Streamline Past A Cylindrical Body. the Journal of Al-Qadissiya for Engineering Science ,Vol. 1 ,2009.
8. Jazie, A. A., Nabil K. Abd-Ali, Prediction slurry reactor design under uncertainty using CFD model. *Journal of Kufa.* ,Vol. 2 ,2010.
9. Jazie, A. A., Nabil K. Abd-Ali, Study the suitability of ethanol-diesel fuel as an alternative fuel for diesel engine. the Journal of Al-Qadissiya for Engineering Science ,Vol. 1 ,2009.
10. Jazie, A. A., Assessment of some physico-chemical properties for water in ganga river at varanasi, india. the Journal of Al-Qadissiya for Engineering Science ,Vol. 2 ,2014.
11. Jazie, A. A., Modeling the kinetics of hydroxyapatite catalyzed transesterification reaction. the Journal of Al-Qadissiya for Engineering Science ,Vol. 1 ,2015.

12. Jazie, A. A., Evaluation the impact of heavy metals on water quality in ganga river at varanasi, india. the Journal of Al-Qadissiya for pure Science ,in press ,2016.
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Conferences

1. Best paper award in the International Conference on Sustainable Technology, 18-20 January 2013, New Delhi, India (Jazie, A., Pramanik, H., & Sinha, A. S. K. (2013). Egg Shell as Eco-Friendly Catalyst for Transesterification of Rapeseed Oil: Optimization for Biodiesel Production.
2. Jazie, A. A., Pramanik, H., & Sinha, A. S. K. (2012). Egg Shell Waste-Catalyzed Transesterification of Mustard Oil: Optimization Using Response Surface Methodology (RSM). 2nd International Conference on Power and Energy Systems, 56. IACSIT Press, Singapore.

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