

Curriculum Vitae

First: General Information

Name: Bashar Jawad Kadhim

Nationality: Iraqi

Gender: Male

Religion: Muslim

Date of birth: 26/2/1981

Place of birth: Baghdad

Permanent Address: Iraq/Baghdad

Email: Bashar.J.Kadhim@uotechnology.edu.iq

Second: Academic Certificate

| Date | Discipline | Degree | Institution | Thesis Title |
|------|---------------|--------|-----------------------------|--|
| 2004 | Chem. Eng. | B.Sc | University of technology | Furfural production |
| 2012 | Chem. Eng. | M.Sc | University of technology | Rheological and kinetic study of diglycidyl ether of Bisphenol-A(DGEBA) cured with phenylenediamine |

Third: Publication

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| 1 | Study of the Cure Reaction of Epoxy Resin Diglycidyl Ether of Bisphenol-A (DGEBA) with Meta- Phenylene Diamine |
| 2 | Optimization of Dye Removal Using Waste Natural Material and Polymer Particles |
| 3 | Study the effect of addition of natural and synthetic material on some of mechanical properties of unsaturated polyester |
| 4 | Simulation of Two Phase Flow Mixing Co – Current in T Junction Using Comsol |
| 5 | Experimental investigation and COMSOL modeling for different geometrical configurations of extended surfaces |
| 6 | Simulation of Convert Shale Oil to Oil by Renewable Energies by COMSOL |
| 7 | Effect of Rigid Xanthan Gums (RXGs) on Flow and Pressure Drops to Improve Drag Reduction Rates in Horizontal Pipe Flow |
| 8 | Experimental and Numerical Analysis of Oil-Water Flow with Drag Reducing Polymers in Horizontal Pipes |
| 9 | A Comprehensive Review Of The Influence Of Heat Exchange Tubes On Hydrodynamic, Heat, And Mass Transfer In Bubble And Slurry Bubble Columns |
| 10 | experimental and analysis study on removal of furfural in synthetic refinery wastewater using an agricultural waste-based modified adsorbent |
| 11 | Impact of Industrial Heat Exchanger on Flow Regime Identification in Bubble and Slurry Bubble Columns for Fischer Tropsch Application |

Forth: Academic Experience

1-Undergraduate Level

- Numerical analysis lecturer for the third stage in Chemical Engineering Department.
- Heat transfer assist. Lecturer for the third stage in Chemical Engineering Department.
- Pilot plant laboratory's supervisor, third stage in Chemical Engineering Department.
- The Industries laboratory's Supervisor for the fourth stage in Chemical Engineering Department.
- Very good experiences in the design of the Units Operations such as: "Heat Exchangers and Distillation Columns.
- Project supervisor for the fourth stage in Chemical Engineering Department.
- Hysys program lecturer for the third stage in Chemical Engineering Department.
- AutoCAD lecturer for the first stage in Chemical Engineering Department.

2-Postgraduate Level

- Advance Hysys program lecturer

Fifth: Computer Skills

I am familiar with these programs

- Windows Xp, 7, 10 (format, Installation, and Maintenance)
- Microsoft Office (word, excel, and power point)
- Simulation and design by Hysys
- Comsol multiphysics
- Minitab 17.
- AutoCAD.

- Troubleshooting and Repair of PC and other Peripherals.

Sixth: laboratories Experience

I am familiar with these instruments in my department (Chemical Engineering Department-University of Technology-Iraq)

- Brookfield viscometer DV-II and DV-III (Setup and Running specialist)
- Surface tension
- UV spectroscopy
- FTIR
- Ultrasonic

Seventh: Honors and Awards

Acknowledgement from dean Chemical Engineering Department and head of University of Technology - Iraq.

Eighth: Workplace and Scientific Rank

Member of the faculty (lecturer) in the Department of Chemical Engineering (University of Technology).