

Name: Ziyad Jamil Al-Talabany

Email address: Ziyadtalabany@yahoo.com

Address: mamostayany zanko city

Contact Number: 009647504662324

Personal profile:

An assistant professor with long term experience in academic teaching and supervising both undergraduate and postgraduate students in variable aspects including thermal power, chemical reaction engineering, air pollution, engineering drawing, industrial engineering and equipment design. Meanwhile, skillful in industrial career field as process engineer and technical manager for over 15 years in various industrial establishments, in particular paper mill and oil industries.

Education:

1-Master of Chemical Engineering (Heat and mass transfer), Baghdad University, Baghdad, Iraq (1974-1975)

-Title of Thesis: Separation of BTX using moving bed gas liquid chromatography (granted with distinction).

-Supervisors: Professor Suham Elmadfaee.

2-Bachelor of Chemical Engineering, Baghdad University, Baghdad, Iraq (1967-1971).

Work experience:

2019-current: Assistant professor, Knowledge University, Erbil, Iraq.

1992-2019: Lecturer and assistant Professor at Salahaddin University, College of Engineering, Erbil, Iraq.

2009-2010: External lecturer at Sulaymania Polytechnic University, College of Technical Engineering, Sulaymania, Iraq.

2011-2013: External lecturer at Koya University, Faculty of Engineering, Department of Chemical Engineering, Koya, Iraq.

2015-2019: External lecturer at Erbil Polytechnic University, College of Technical Engineering, Erbil, Iraq.

1979-1992: Technical Manager, Erbil textile factory, Erbil, Iraq.

Technical Manager, Erbil hand-made carpet center, Erbil, Iraq.

Technical Manager, Kasnazan hand-made carpet center, Erbil, Iraq.

Technical Manager, Duhok hand-made carpet center, Duhok, Iraq.

Technical Manager, Kirkuk hand-made carpet center, Kirkuk, Iraq.

1978 -1979: Planning Manager, Diwania Tyre industry, Diwania, Iraq.

1976-1978: Process Engineer, Pulp and Paper Mill industry, Basra, Iraq.

1971-1972: Process Engineer, Gas and Sulfur Recovery Plant industry, Kirkuk, Iraq.

Research experience:

Over the last period I have been supervising postgraduate students while carrying out their experiments.

Research Interests:

Natural Gas Sweetening, Saving Heat Energy, Renewable Energy, Waste Water Treatment.

Conference presentations:

1-Separation of B.T. X by continuous counter-current GLC. Seventh Iraqi Chemists conference, Basra, Iraq, May-1975.

2- تقييم كفاءة التوازن لقسم الاكمال في معمل النسيج الصوفي /اربيل- Third Scientific Conference of Salahaddin University. Erbil, Iraq, June – 1997.

3-Investigation of transient multi-dimension temperature distribution in different ducts- using finite element method. Middle East International Conference on Advanced in Civil, Mechanical and Material Engineering. Amman, Jordan, May-2005.

4- Experimental study of steady state natural convection heat transfer from cylindrical heater in vented enclosure. International Conference on Experimental Mechanics 2010. Koala Lumpur, Malaysia, October- 2010.

5- Effect of ambient air temperature on specific fuel consumption of naturally aspirated Diesel Engine. The First Scientific Research Conference of Technical Education. Duhok, Iraq. November-2010.

Publications:

1-Air flotation application to Arbil textile factory waste water influent. Zanco journal, vol. 1, 1996.

2- دراسة ميدانية عن الضوضاء في معمل الغزل و النسيج الصوفي في اربيل و كيفية معالجته - Zanco Journal, Vol.8, No.1, 1997.

3- Studing Natural Convection and thermal radiation heat transfer modes for isothermal cylinders at low pressure with different orientations. Zanco journal, vol.13, No.1, 2001.

- 4- How to calculate weighted mean temperature differences. Zanco journal, vol. 3, 2001.
- 5- Studying of combined radiation and natural convection heat transfer from inclined cylindrical heat sources. Zanco journal, vol. 14, No. 1, 2002.
- 6- Design of a pump working by solar energy. Zanco journal, vol. 18. No.1 2006.
- 10- Performance of photovoltaic panels for electricity generation in Erbil city. Zanco journal, vol. 19, No. 3, 2007.
- 11- Thermal performance of cross flow heat exchanger. Zanco journal for pure and applied science, vol. 2, No.22, 2010.
- 14- An experimental investigation of the geometric parameters on the Performance for the counter-flow vortex tubes. Global Journal of Engineering & Technology, vol.4, No.3 ,2011.

Postgraduate thesis supervision:

- 1-Studying the performance of cross flow heat exchanger (MSc).
- 2- Experimental study of steady state Natural convection heat transfer from cylindrical heater in vented Enclosure (MSc).
- 3-Evaluation of Crude in Kurdistan and it for Transportation (High Diploma).
- 4-Study of saving thermal energy using local mixed phase change materials (MSc).
- 5-Fluidized-Bed Drying & Microwave-Assisted Fluidized-Bed Drying in Food Processing (MSc).
- 6-Reducing Oil Pollution in Kawergosk Oil Refinery Effluent (MSc).

Training:

- Research methods training, Nottingham Trent University, Nottingham, UK (2010).
- Water and waste water treatment, Deremone Company, Paris, France (1982).
- Textile Finishing processing, Ciba Gigi Company, Basel, Switzerland (1983).

Professional memberships:

Member of the Iraqi Engineering Union.