

CURRICULUM VITAE

1-Personal Details:

Name: Ahmed N. Awad.

Sex: Male.

Marital status: Married.

Date & place of birth: 1958- Iraq.

Language: Arabic, English, Chinese (conversation).

Present address: Iraq. Al-Anbar, Ramadi.

Email: leozodiac2020@gmail.com, Leozodiac2020@uoanbar.edu.iq

Present job: Assistant professor in chemical engineering.

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2-Educations:

<i>Degree</i>	<i>Specialization</i>	<i>Institution</i>	<i>Date</i>
Ph.D.	<i>Chemical engineering/Catalyst technology</i>	<i>East China University Science and technology: Shanghai / China.</i>	<i>1999</i>
M.sc	<i>Chemical engineering/ petroleum& petrochemical</i>	<i>University of technology/ Baghdad / Iraq.</i>	<i>1992</i>
B.Sc.	<i>chemical engineering</i>	<i>University of technology/ Baghdad / Iraq.</i>	<i>1986</i>

3- Practical Experience:

1. Training for six months at glass and ceramic enterprise (1986); Ramadi / Iraq.
2. Training and conducting some researches for six months at Baije complex for petroleum refinery, crude distillation unit and catalytic reforming unit (1990); Baije / Iraq.
3. Training and conducting some researches for one year at Dora petroleum refinery. Crude distillation unit and catalytic reforming unit (1989); Baghdad/Iraq.
4. Conducting some researches for one year at chi lu petroleum refinery at fluid catalytic cracking unit (FCC); Shangdong province (1997), P.R.of China.

4- Academic Experience:

- 1- 2020 to present: **lecturer** and as **head of department** of Fuel and Energy Techniques Engineering Department, Al-Huda University College/ Iraq. Also, assigned the position of **Dean** and **Vice Dean** for scientific affairs in the same period.
- 2- 2011-2019: **lecturer** at chemical and petrochemical engineering department. Engineering college, Anbar university / Iraq.
- 3- 2012-2015, and 2017-2019 as **head of department** of chemical & petrochemical engineering department, engineering college, Anbar university / Iraq.
- 4- 1999-2010: **assistant professor** of petroleum refining Eng., mass transfer, unit operation gas Eng. Equipment's design and polymer Eng. At chemical engineering department, Al-Mergheb University, Al-Khoms /Libya.
- 5- 1992-1994: **chairman** of chemical industrial department, Al-Anbar technology institute; Iraq.
- 6- 1986-1988: **assistant lecturer** at chemical industrial department, Al-Anbar technology institute; Iraq.

5- Courses:

- 1- English Language for 3 months by middle London University teachers, level four, Ramadi / Iraq (1982).
- 2- Teaching method of undergraduate students 1 month Baghdad (1992).
- 3- Chemical Agent one month, Baghdad (1988)
- 4- Epoxy Technology for 3 weeks, Baghdad (1993).
- 5- Computer courses, Ramadi, 1992.
- 6- Manufacture glass equipment of laboratories: 2 weeks Ramadi (1994).
- 7- Teaching methods for 2 weeks. (2011) Iraq.
- 8- Atomic absorption for 5 days February 2009. Libya.
- 9- Nano material technology for 4 weeks / Perlis university Malaysia 2012.
- 10- Sciences and environmental engineering for 4 weeks at CAH vilentum University of applied sciences / Holland. 2014.

6- Publications:

- 1- Jaber shanshoul, aIohlA.lAwad, "Evaluation Reliability of catalytic reforming unit of Iraqi refineries, 1st conference for engineering / engineering college / Tikrit university January/ 1994.
- 2- Stucdies on De " Quin Ming Shing , Ahmed N. Awad , Tan Le Cheng and Li Cheng Lie Journal of ECUST Vol " ethodsSOx additives by acidic m23.No 2 (1997).
- 3- S - Tan Le Cheng , Ahmed N. Awad , Yi Yang and Li Cheng Lie , " Stucdies on Deox and NOX Dual Functional FCC additives - De " 7 Untar International Conference on Heavy Crude Tar Sands , Beijing (1998).
- 4- Li Cheng Lie . Mohammed M. Aboabboud and Hesham G.M. Ibrahim Ahmed N , Awad * Studies on Preparation Parameters for De Additive in RFCC - SOxUnits the 14th Arab Chemistry Conference and Exhibition (ACC - 14) (Tripoli (Libya 31 / 03-03 / 04 , (2008) .
- 5- Awad & Hesham Ibrahim Mohamed Aboabboud , Ahmed Biological ammonia removal Water Pollution from drinking water in fluidized bed actors 2008 (WP 08) Alicante (Spain) 08-11 June (2008) .
- 6- Ahmed N. Awad , Li Cheng Lie , Mohammed M. Aboabboud and Hesham GM Ibrahim . " Study on the role of transition element.on . on SO - the De , the " additives 1ST International conference of Petroleum and Environment , Tripoli , June (2008) .
- 7- Hesham We M.Remaval of Chromium From Ibrahim . Ahmed N. Awad & Aly Y. Okasha Waste water Effluents byusing Low cost adsorbent 58TH CanadianChemical Engineering Conference , Canada October (2008) .
- 8- Aly Y Okasha , Mohamed M. Aboabhoud , Hesham G. M. Ibrahim and Ahmed N Awad * Phenol removal from aqueous systems by sorption with some local waste materials " October (2008) The 4t Exhibition Oil and Gas Forum and of Technology International 2008. Tripoli.
- 9- Ahmed N. Awad , Mohamed M. Aboahboud , Hesham G. M. Ibrahim and Aly Y. Okasha . " Review on the reasonably available control technologiesemission for SOX and NOx from industrial sources 11 " international conference on inviromental science and technoloav (CEST 2009) September . (2009) .PP . (80-87) , Greece.
- 10- Aly Y. Okasha Mohamed M. Aboahboud and Hesham G. Ibrahim Ahmed N. Awad " Adsorption from of Phenol aqueous solutions by Cement Kiln Dust " 1st International conference and exhibition on chemical Engineering and process engineering (CHE 2009) Tripoli , Libya , 5-9 (May 2009)
- 11- Aly Y. Okasha Mohamed M. Aboahboud Ibrahim Ahmed N. Awad and Hesham G " adsorption of copper from aqueous solutions by low cost material : 3 national conference of basic science , Jabil Al - Gharbi university 25-27 , (April 2009) . Libya.

- 12- Meshragi , Ahmed N. Awad & Aly Y. Okasha - Hesham G. M. Ibrahim , Mohamed AL Studies of Chromium Ions Sorption on Bypass Cement Kinetic Kiln The (Dust (CKD 5th International Symposium on Hydrocarbons & Chemistry , Algeria , May , 23-25,2010 .
- 13- Investigate the Parameters Effect on " Ahmed N. Awad , Hesham G. M. Ibrahim ysis (TGA) Performance for SO_x . Additive in FCC Unitsthermogravimetry Anal , journal of environmental science and engineering , vol.4 No. 10 , Oct . 2010 "
- 14- Ahmed N. Awad , Shahad S. Mohammed , " A study of enhancement the properties of lubricant oils . " American journal of chemistry , vol.4 No. 1 , February 2014 .
- 15- Manaf almatar , Emsalem Fraj Hawege , Ahmed N. Awad , " separation of benzene cyclohexane mixture by using adsorption technique . " Journal of chemical & pharmaceutical research , vol.6 (10) , pp.50-56,2014.
- 16- A.M.Hamza , M.S hassan , Ahmed N. Awad " synthesis and film formation of neodymiuma oxides nano rods : electrical properties study , advanced materials Research , vol.925 , pp 406-410 , 2014.
- 17- Ahmed N. Awad , Khalid A. Mohammed, Thamer Y A, " THE INFLUENCE OF WASTE FUEL OIL ON THE RHEOLOGICAL PROPERTIES OF BITUMEN ", Journal of University of Shanghai for Science and Technology, Volume 22, Issue 10, October – 2020.
- 18- Khalid, A. M., Ahmed, N. A., & h Omar, M. (2020, November). Effect of using engine oil waste on the characteristics of asphalt binder. In IOP Conference Series: Materials Science and Engineering (Vol. 928, No. 2, p. 022130). IOP Publishing.

7 - Scientific conference:

- 1- Arab chemistry conference (14), 2008, Libya - Tripoli. International Oil and Gas conference of Libya Tripoli 2009.
- 2- International conference of Water VI, Spain 2008.
- 3- International conference of chemical engineering (58) Canada.
- 4- National conference of science (3) Jabil Al-Gharbi, Libya (2009).
- 5- First conference of engineering college Al-Anabar University- 2011
- 6- International Conference on Nano science, engineering, and management , August 2013 , Perlis, Malaysia.
- 7- First conference of petroleum products distribution / Anbar, branch company Cooperation with science college / Anbar university Dec. 2013.
- 8- 2nd conference of petroleum products distribution / Anbar branch company, Cooperation with science college / Anbar university October - 2017.
- 9- 11th international conference developments in e - system engineering, September 2018, Cambridge, UK.
- 10- Third international conference on computing, communication, and information Technology (CCIT 2019) April - Anbar University, Iraq.

8-Fields of Interest:

- Petroleum Refining.
- Petrochemical process.
- Catalyst Technology.
- Gas Technology Eng.
- Mass Transfer.
- plant Design and Separation Process.
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9- Membership Scientific Societies:

- 1- Iraqi Engineers Union since 1987.
- 2- Libyan Teachers Union since 1999.
- 3- International Association of Engineers (IAENG 2009).

10- Supervision and Consulting:

▪ Supervision on final year projects as below:

- 1- Plant Design for Production of Fatty Acids.
- 2- Plant Design for Production of Cumene.
- 3- Plant Design for Production of Isopropyl Alcohol.
- 4- Plant Design for Production of Poly Vinyl Chloride.
- 5- Plant Design for Production of Benzene by Catalytic Reforming.
- 6- Plant Design for Production of Isoprene.
- 7- Plant Design of Propylene Oxide Production.
- 8- Plant Design of Dewaxing of Lubricating Oils Fraction.
- 9- Plant Design of Di-isopropyl ether and Acetone Production.
- 10- Unit Design for Desulfurization of Naphtha fraction.
- 11- Rigorous simulation of Conventional distillation for separation three components.
- 12- Unit Design for Separation Light Ends from Natural Gas.
- 13- Plant Design for Production of Oxygen and Nitrogen.
- 14- Plant Design for Production Cumene by Advance Method.
- 15- Improve some physical properties of lubricant oils stock.
- 16- Plant design for unit production of Alkyl benzene.
- 17- The impact of waste fuel oil on the rheological properties of bitumen.
- 18- The impact of utilize biomedical plastic waste & glass waste on the performance of asphalt pavement.

▪ **Scientific Consulting:**

- 1- Consulting and construction plant of Detergent at AL - Anbar Technology institute (1993).
- 2- Coordinator of postgraduate of Chemical Engineering Department, faculty of engineering, AL-Merghab University (2006-2010).
- 3- Member of engineering consulting bureau, engineering college, Anbar university since 2012.
- 4- Member of the discussion committee for postgraduate students.