

صورة

السيرة الذاتية

1-المعلومات الشخصية

الاسم: **ناهض وديع قصير**

مكان العمل: **قسم الهندسة الكيماوية الجامعة التكنولوجية**

تأريخ الميلاد: **1959/12/23**

محل الميلاد: **بغداد**

الجنسية: **عراقي**

الحالة الاجتماعية: **متزوج**

2- اللقب العلمي استاذ مساعد

3- الاهتمامات البحثية

- الاشراف على 31 طالب ماجستير ودكتوراه خلال السنوات من 1998-2005
- انتاج طبقة طلاء خاصة
- تصميم وتصنيع نموذج اولي لجهاز كشف وتحليل يعمل بمبدء الضوئي-صوتي.
- اقتراح مسلك تكنولوجي جديد لتحويل عملية انتاج الخليط النترنة من طريقة الوجببات الى الطريقة المستمرة.
- انتاج كحول الفورفورال بطريقة الطور الغازي بهدرجة الفورفورال.
- انتاج النتروسليلوز من حامض نترك مخفف.
- تنقية الحامض الراجع من الشوائب بتقنية مبتكرة.
- هستحداث طريقة قياسية لتحديد المحتوى النتروجيني بالخليط المنترن باتباع الموصلية الكهربائية بدل الطريقة القياسية اليوغسلافية.

4- الشهادات

التاريخ	الاختصاص العام	الشهادة	الجهة المانحة
1981	هندسة كيمياوية	بكالوريوس	جامعة بغداد
1989	هندسة كيمياوية	ماجستير	جامعة بغداد
1996	هندسة كيمياوية	دكتوراه	جامعة بغداد

5- الدراسة ما بعد الدكتوراه

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6- المناصب الإدارية

- رئيس قسم الهندسة الكيماوية كلية الرشيد للهندسة والعلوم
2006-2003

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7- المنج والزمالات

- تفرغ علمي-جامعة اوكلاند نيوزيلندا 2012-2011
- باحث اقدم - جامعة اوكلاند نيوزيلندا 2009-2007
- زمالة دراسة الماجستير 1987
- زمالة دراسة الدكتوراه 1992

8- الخبرات الاكاديميه

1-الدراسة الاولييه

- Introduction to Chemical Eng. Calculations and thermodynamics, undergraduate, Chemical Eng. Faculty, Military College of Eng., from 1998 till 2002
- Fluid dynamic, B.Sc., Chem. Eng. Dept., University of Technology, 1999-2000.
- Thermodynamic, B.Sc., Chem. Eng. Dept., University of Technology, 2000-2001.
- Reactor Design, M. Sc., Chem. Eng. Dept., University of Technology/Baghdad, 2005-2007.
- Applied Mathematical Methods in Chemical Eng., undergraduate 2003-2007, Chem. Eng. Dept., University of Technology, from 2003-2010.
- Unit Design, undergraduate, 4th year student, Chem. Eng. Dept., University of Tikrit, 1998-1999.

2- الدراسات العليا

- Multiphase flow, PhD, Chem. Eng. Dept., University of Baghdad from 1999 till 2001.
- Mass Transfer, Post graduate studies, Chemical Eng. Faculty, Military College of Eng., from 1998 till 2002
- Kinetic of reaction and Reactor Design, Post graduate studies, Chemical Eng. Faculty, Military College of Eng., from 1998 till 2002
- Thermodynamic, M.Sc., Chem. Eng. Dept., University of Technology, 2000-2001.
- Nonlinear analysis, PhD, Chem. Eng. Dept., University of Technology 2003-2004.
- Numerical methods, M. Sc., Chem. Eng. Dept., University of Technology, 2004-2005.
- Mathematical modeling, M.Sc. Students, Chem. Eng. Dept. University of Technology, 2010.

9- خبرات العمل " الغير أكاديمية "

- مهندس 1986-1991
- استشاري في عدد كبير من شركات وزارت الدولة من تاريخ 1998-2003
- مشرف على 31 طالب ماجستير ودكتوراه منذ 1998-2005
- خبرة عالية في اجهزة التحليل
- خبرة وممارسة عالية بالعمل داخل المختبرات والوسط الصناعي.

10- الجمعيات والنقابات

- عضو الجمعية الكيماوية الامريكية American Chemical Society ACS
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11- التكريمات وأوسمة الشرف

- عدد كبير من التكريمات وكتب الشكر
- 3 سنوات متتالية 2000-2001-2002 حائز على امتيازات الملاكات العلمية

12- المهارات (اللغات والحاسبة)

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13- المنشورات/ الكتب

1-الإشراف على طلبة الدراسات العليا

• Crystallization kinetics of ammonium perchlorate in an agitated vessel	Ahmad Khalid/MSc	MSc
• Drying of Baker's yeast in fluidized bed dryer	Hadeer Jaloub	MSc
• Absorption of NO ₂ into water and dilute nitric acid solutions in a fixed column	Moneeb Fadhil	MSc
• Locally prepared catalyst for reduction of NO _x by NH ₃	Ibtehaj Ali	MSc
• Absorption of NO ₂ /N ₂ O ₄ into water and dilute nitric acid solutions	Mohammed Hamid	MSc
• Preparation of Sulfo-Nitro acid mixture in continuous stirred tank reactor	Hameed Ali	MSc
• Study the electroplating of copper to plastic.	Hadeer Noori	MSc
• Production of demineralized water from wastewater of PCB factory by ion exchanger	Mothafer Yaqoub	MSc
• Preparation and study the properties of high voltage electrical insulation materials	Hadi Adiaa	MSc
• Using iron slag in preparing acid resistant tiles	Abdul-Salam Tawfiq	MSc
• Preparation of tin metal using wet method	Hassan Hadi	MSc
• Preparation and study of some physical and mechanical properties of B ₄ C-YTZP ceramic composite	Hameed Rashid	MSc
• Purification of sulfuric acid using fixed bed extraction column	Talaat Abdul- Qadeer	MSc
• Preparation of nickel powder by electrochemical method	Moufaq	MSc
• Kinetic study of vapor phase hydrogenation of furfural	Nameer Modammed	MSc
• Vacuum drying of fluidized bed dryer	Mohammed Jaodat	PhD
• Preparation of acetyl-cholinesterase enzyme and study its activity.	Zaneeb Ali	MSc
• Vapor phase dehydration of ethanol	Areej Dalaf	MSc

• Study the characteristic performance of mixed bed ion exchange	Abdul-Raheem	MSc
• Production of demineralized water by ion exchange in distills water production plant.	Eman Mahdi Mousa	MSc
• Implementation of Pilot Unit for Site Purification of Locally Produced Alum in Water Treatment Station	Jameel Akash Al-Shimeri	MSc
• Reaction Kinetics of Dehydrogenation of Ethanol	Ghasan Hadi	PhD
• Study the Adhesion of Ceramic to Metal	Fadhil Abd-Eliwi	MSc
• Study the characteristic performance of anaerobic filter	Taghreed Lytfi	MSc
• Production of Alum from locally available Kaoline	Hadeer Fouad	MSc
• Hydrodynamic Study in Partitioned Plate Column	Burhan Sadiq	PhD
• Dynamic Behavior in Adiabatic Fixed Bed Adsorber	Hakoub	MSc
• Anodizing of Aluminum-Magnesium Alloy 5052	Talib Mohammed Naif	MSc
• Studying the Breakdown and Pitting Formation of Aluminum Anodic Film	Basheer Ahmad Al-Housani	MSc

2- المقالات

المقدمة للنشر

المنشورة

- **N. W. Kasser**, Mohammed H., "Absorption of NO₂ and N₂O₄ into water and dilute nitric acid in a double stirrer absorber., Iraqi Journal of chem. & Petroleum Eng., Vol.1, No.1, 2000.
- **N. w. Kasser**, Ahmid Khalid, "Nucleation Kinetics of Ammonium Perchlorate", Iraqi Journal of chem. & Petroleum Eng., Vol. 2, No. 1, 2001.
- **N. W. Kasser**, Hamoudi H, and Abbas A., "Study the Characteristic Performance of Trickle Filter for Pharmaceutical Waste Treatment", Iraqi Journal of chem. & Petroleum Eng., Vol. 2, No. 3, 2001.

- **N. W. Kasser**, Hamza Y. Isa, and Hammed A. Hussin, "Regeneration of Sulfo-Nitro Acid Mixture in Continuous Mode Operation", Iraqi Journal of chem. & Petroleum Eng., Vol. 2, No. 4., 2001.
- **N. W. Kasser**, Ali Hussin, and Taleeb Naif, "The Determination of the Variables of High Response on the Anodizing of Aluminum-Magnesium Alloy 5052 (Statistical Analysis)", Iraqi Journal of chem. & Petroleum Eng., Vol.3, No.1, 2002.
- **N. W. Kasser**, Ali Hussin, and Taleeb Naif, "Anodizing of Aluminum-Magnesium Alloy 5052", Iraqi Journal of chem. & Petroleum Eng., Vol. 3, No. 4, 2002.
- Ibtehaj Ali, **N. W. Kasser** and Cecilia Y. "Catalytic Reduction of NOx using Locally Prepared catalyst with NH3", Iraqi Journal of chem. & Petroleum Eng., Vol. 4, No. 1, 2003.
- **N. W. Kasser**, Rafia' J. and Moneeb, "Absorption of NO2 into Water and Nitric Acid Solutions in a Fixed Column" Iraqi Journal of chem. & Petroleum Eng., Vol.4, No. 2, 2003.
- **N.W. Kasser**, Elham Said, and Fadhil Adhiaa, "The Adherence of Porcelain Enamel to Low Carbon Steel", Iraqi Journal of chem. & Petroleum Eng., (Acceptance letter has been addressed).
- Sami Abo-Noon, N. W. Kasser, and Basheer Ahmed, "Breakdown and Pitting Formation of Anodic Aluminum Alloy (3003), Amodern Applied Science, Vol. 4, No. 5, May 2010.
- **N.W. Kasser**, Elham Said, and Fadhil Adhiaa, "Enameling of Low Carbon Steel for Acid Resistance Applications", Iraqi Journal of chem. & Petroleum Eng. (Acceptance Letter was issued)
- E. Haider , **N. W. Kasser**, and Malik M., "Characteristic Performance of Fluidized Bed Ion Exchange", Al-Naherin Uni. College of Eng. Journal, Vol. 12, Page 38, 2010.

3- الكتب المؤلفة والمترجمة

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14- النشاطات الأكاديمية الأخرى

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15- المؤتمرات والدورات التدريبية

- **N. W. Kasser**, N. M. Al-Mukhtar, and Abdul Salam T., "Preparation of Acid resistant materials From Iron Slag", **Jordan International Chem. Eng. Conference V**, 12th-15th Sept. 2005, Amman, Jordan.
- M. S. Radhaa, **N. W. Kasser** and H. Mozan, "Fluidized Bed Drying for Biosynthesis Product", **Jordan International Chem. Eng. Conference V**, 12th -15th Sept. 2005, Amman, Jordan.
- **N. W. Kasser**, M. Al-Mukhtar, and Hasan H., "Preparation of Tin Using Wet Method", **Jordan International Chem. Eng. Conference V**, 12th-15th Sept. 2005, Amman, Jordan.
- **Kasser N.**, and Sualyman A. "Modeling of Dynamic Behavior of Non-isothermal Multi-component Adsorption in Adiabatic Fix Bed", **Jordan International Chem. Eng. Conference III**, 27th-29th Sept. 1999, Amman, Jordan.
- B. Thomas, and **N. W. Kasser**, "Electroplating of Copper on Plastic", **Jordan International Chem. Eng. Conference IV**, 22nd-24th Sept. 2002, Amman Jordan.
- **N. W. Kasser**, and Lyith E., "Engineering Solution for Purifying of Highly Silt Alum Content in Water Plant", **1st International Chem. Engineering Conference, University of Jordan**, 17th-19th Sept. 2001, Amman, Jordan.
- **N. W. Kasser**, M. T. Abdul-Gane, and Haider Noori, "Electroplating of Copper to Epoxy Reinforced Fiberglass", **5th Scientific Conf. of College of Engineering, University of Baghdad**, 25th-27th Feb., 2003, Baghdad, Iraq.
- **N. W. Kasser**, Matheel Al-Sabti, and Mudhafar Y. Hussin, "Production of Demineralized Water from PCB Factory Wastewater by Ion Exchange", **5th Scientific Conf. of College of Engineering, University of Baghdad**, 25th-27th Feb., 2003.
- **N. W. Kasser**, Matheel Al-Sabti, and Mudhafar Y. Hussin, "Reclamation of water from PCB Factory Waste", 3rd conference for Development and Environment in Arab Countries, Assuit University, 26th-29th March, 2006, Iswan, Egypt.
- **N. W. Kasser** and Mowafaq "Production of Nickel by Electrocrystallization Method", **5th international Engineering Conference**, University of Mansoura, 21-23, March 2006, Sharm El-sheikh, Egypt.
- **N. W. Kasser**, Matheel Al-Sabti, and Mudhafar Y. Hussin, "Production of Deionized water from PCB factory wastewater" 2nd National Scientific Conf. in Environment Pollution and Means of protection, 19th-20th March 2003, Nuclear Energy Commission, Baghdad, Iraq.

Note: Conference never held because of the beginning of the Military campaign of the Coalition Forces on Iraq, but later on proceeding has been issued.

- **N. W. Kasser**, and Tagreed Lytfi "Characteristic Performance of Anaerobic Filter against Dairy Wastewater", ECI, 2006, Tamar, Portugal.

Note: An invitation has been sent and acceptance for oral presentation was granted by the Conference My program has been cancelled because of not attending the conference. (Letter of invitation has been attached with my other documents)

- **N. W. Kasser**, and Burhan S. "Hydrodynamic and RTD of Sectionalized Bubble Column", 12th Eng. Conference in Fluidization-New Horizons Eng., ECI, 2007. Vancouver, Canada.
- **N. W. Kasser**, Rafa J., and Ahmed Khalid, "Kinetic Study of Crystalline Growth Rate", 3rd Scientific Engineering Conference of Military College of Engineering, 23rd-25th April, 2000.
- **N. W. Kasser**, Sadiq J. B. and Mohammed H. S., "Absorption of $\text{NO}_2/\text{N}_2\text{O}_4$ in water and Nitric Acid", 3rd Scientific Engineering Conference of Military College of Engineering, 23rd-25th April, 2000.

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