



NAHLA AHMED TAHAMOHAMED AMIN

ASSOCIATE PROFESSOR

<p>PERSONAL INFORMATION</p>	<p>Full Name: Affiliations: Address: Mobile No.: E-mail: Important links:</p>	<p>Nahla Ahmed Taha Mohamed Amin Associate Professor in modeling and simulation department Elemammalek –street el-dekhela el Bahr, Alexandria 00201005289679 nahlataha_1982@yahoo.com</p>
<p>EDUCATION</p>	<p>1- Ph. D in Chemical Engineering, 2011, Chemical Engineering Department, Faculty of Engineering Alexandria University 2- M.Sc in Chemical Engineering , 2008, Chemical Engineering Department , Faculty of Engineering Alexandria University 3- B. Sc in Chemical Engineering, 2004, Chemical Engineering Department, Faculty of Engineering Alexandria University</p>	
<p>ACTIVITIES</p>	<p>Scientific Activities</p> <p>1- Poster sharing on "The Fourth International Chemistry Conference", Title "Characterization of prepared biodiesel (From simulated waste cooking oil) by TGA and FTIR and fuel properties " , Riyadh, Kingdom of Saudi Arabia, 19-21 November 2011. 2- Attending on "TWAS-ARO 7th Annual Meeting-Water, Nuclear and Renewable Energy: Challenges Versus Opportunities", at the Bibliotheca Alexandrina, Alexandria, Egypt, 28-29 December 2011. 3- Attending on "1st Symposium on advanced material sciences 2012", at City of scientific research and technological applications, Egypt, 14 March 2012. 4- Attending on "Training course of Energy Management", at Arab Academy for science, technology and maritime transport-Alexandria, Egypt, 9 May 2012</p>	

- 5- Poster sharing on " The first international wasterbiotech conference" , Title" Removal of Basic Dye from Simulated Wastewater with Peanut Hull Powder as Biosorbent", National Research center, Cairo-Egypt, 9-11 October 2012.
- 6- Attending on “The international conference of Challenges Facing Health” – Bibliotheca Alexandrina, Lecture Hall- Alexandria, Egypt, 7-8 November 2012.
- 7- Oral sharing on “11 th international conference on chemistry and its role in development” – Mansoura and Sharm El-Sheikh, Egypt, 11-15 March 2013. - Attending on "The First international conference on new horizons in basic and applied science", Hurghada, Egypt, 21-23 September 2013.
- 8- Attending “10th international conference of Egyptian soil science society (ESSS), 4th international conference of on-farm irrigation and agroclimatology”, Ameria, AlexandriaEgypt,5-8 November 2012.
- 9- Attending “Six student conference”, Umm Al-Qura University, Maccah, SudiaArabia ,25-26 February 2015. - Sharing in “seven student conference” with paper in title of” The use of homogeneous and heterogeneous catalysts in biofuels (biodiesel) from frying oils” Umm Al-Qura University, Maccah, Sudia Arabia ,3-5 April 2015.
- 10- -Accepted poster in “The Six International Chemistry Conferance”, Title” Raw and Magnetic corn stalk for removal of anionic and cationic dyes”, Riyadh, Kingdom of Saudi Arabia, 8-10 November 2016.
- 11- Attending workshop on "The elemental analysis using the ICP instrument and it's applications" Institute of New Materials and Advanced Technologies, City of Scientific Research and Technological Applications, Alexandria, Egypt, 26-27 May 2009. - Work shop on “ XRF –ThermoFisher Scientific Company”, MovimbicElharam-CairoEgypt, 18 October 2012.

12- Attending on “Workshop on waste water reuse in agriculture”-the high institute of public health- Alexandria university, Egypt, 6 November 2012. - Participation in training workshop of “ Material selection, cathodic protection and corrosion monitoring for protection of industrial metallic structures”, City of Scientific Researches and Technological Applications, Alexandria- Egypt, 24-27 December 2012.

13- Attending “workshop on water desalination by using reverse osmosis technique”, Egyptian syndicate of scientific professions, Alexandria- Egypt, 18-22 November 2012.

14- Attending “Workshop on Bio-Fuel production “-City of Scientific Research and Technological Applications, Alexandria, Egypt, 3 February 2013. - Attending on “Workshop on advanced waste water treatment technologies”- Tabbin institute for metallurgical studies, 14-45 April 2013.

15- Attending training Workshop on "The consolidation of the researcher's skills to publish international reviews " organized by the Scientific Supports and Projects Section, Bibliotheca Alexandria , City of Scientific Researches and Technological Applications ,15-17 June, 2014

Administrative Activities

- 1- Technical Manger of Central lab of Physical and Chemical Characterization of Materials, (2012-12/2014)
- 2- Quality coordinator in Chemistry Department, Al-Lith University College, Umm Al-Qura University, Sudia Arabia, (9/2016-7/ 2018)
- 3- Technical Manger of Central lab of Physical and Chemical Characterization of Materials, (10//2018- until now)

Extra-curriculum Activities

Experience in Teaching: -

- 1- From 9/ 2014 -7/2018 : Assistant Professor of Chemical Engineering at

Chemistry Department, Al-Lith University College, Umm Al-Qura University, Sudia Arabia -From 2/2005 until 7/2005

- 2- Lecturer in chemical engineering department, faculty of engineering, Alexandria university Part time in -Alexandria University at 2/2005.

PROJECT :-

Collaborate as PI for STDF project titled with “ preparation ,characterization and photocatalytic activity assessment (standardization of nano-size supported TiO₂ for efficient treatment of industrial waste water)” from 2013-2014

ACADEMIC LEADERSHIP (SUPERVISION):-

- 1- M.Sc in " Preparation and Characterization of Carbon Nanofiber (CNF) / Hydroxyapatite (HAp) Nanocomposite for Biomedical Applications" , Materials Science Department , Institute of Graduate Studies and Research , Alexandria University .(Finished)
- 2- 2- M.Sc in "PHASE TRANSITIONS OF Dates USING DIFFERENTIAL SCANNING CALORIMETER", Faculty of agriculture, Alexandria University .(Finished)
- 3- 3- M.Sc in "Preparation of Hydroxyapatite by Microwave for using in biomedical applications" , Faculty of Science, Alexandria university .(Finished)
- 4- 4- M.Sc in "Study on the use of caly catalyst in production of biodiesel from waste edible oils" , Faculty of engineering, Alexandria university.(Finished)
- 5- 5- Ph.D in " Preparation of Biodiesel from waste frying oil by using homogenous and heterogeneous catalysts " , Faculty of engineering, Alexandria university.(Finished)

TRIANING

- 1-Alexandria Petroleum Company From 15/8/2001 to 15/9/2001 From 19/8/2002 to 19/9/2002
- 2- Training Course on Thermomechanical analyzer (TMA) in Institute of New Materials and Advanced Technologies, SRTA city, Alexandria, Egypt (2007).

	<p>3-Training in Institute of processing and chemical fundamentals, Czech Republic, 15/2-28/2/2014</p> <p>COMPUTER & SKILLS EXPERIENCE</p> <p>-Windows (98/xp) /Office /searching in internet - ICDL certificate on 2009</p> <p>- Training Division about "internal auditing for ISO- 17025:2005 Specifications". From Engineering &Qualit Experts, 10-13 September 2007</p> <p>-Working as quality engineer in (GHTWARY MEDICAL SUPPLY. GMS) at 9/2004Chemical engineer in central laboratory in(Extracted oil and Its product Company) until 2/2006.</p> <p>-Chemical engineer in central laboratory for physical and chemical characterization of materials in (City of Scientific Research and Technological Application) ,Until 2010</p> <p>- Working on :- - Thermo Gravimetric Analyzer Device (TGA) - Thermo Mechanical Analyzer Device (TMA) - Differential Scanning Calorimeter Device (DSC) - Fourier transfer for infra red spectrophotometer Device (FTIR)</p>
<p>GRANTS & AWARDS</p>	<p>Awards</p> <p>1- Scientific achievement Award for year 2013 from City for Scientific Research and Technology Applications.</p> <p>2- 2- Scientific achievement Award for year 2012 from City for Scientific Research and Technology Applications.</p>
<p>LIST OF PUBLICATIONS</p>	<p>- M. A. Abu-Saied, Nahla. A. Taha , "Purification of waste water from cationic dye using SPGMA polymer: Isotherm and Kinetic study" Accepted in Global Nest journal ,6-2020</p> <p>- Doaa M. EL-Mekkawi, Nourelhoda A. Abdelwahab, Walied A.A. Mohamed, Nahla A. Taha, M.S.A. Abdel-Mottaleb," Solar photocatalytic treatment of industrial wastewater utilizing recycled polymeric disposals as TiO2 supports", Journal of Cleaner Production, accepted in 22 November 2019, In</p>

Press.

-Noha A. Elessawy, Mohamed Elnouby, M.H. Gouda, Hesham A. Hamad , Nahla A. Taha , M. Gouda, Mohamed S. MohyEldin," **Ciprofloxacin removal using magnetic fullerene nanocomposite obtained from sustainable PET bottle wastes: Adsorption process optimization, kinetics, isotherm, regeneration and recycling**" , chemosphere, Volume 239, 124728, 2020

-A.M.Abd El-Aziz, Rania M.ElBackly , NahlaA.Taha ,AzzaEl-Maghraby , SherifH.Kandil , "**Preparation and characterization of carbon nanofibrous/hydroxyapatite sheets for bone tissue engineering**" , Materials Science and Engineering: C ,Volume 76, 1, Pages 1188-1195,2017

- A. M. Abd El-Aziz ,Nahla. A. Taha, Azza El-Maghraby ,” **Comparison between polyvinyl alcohol (PVA) nanofiber and polyvinyl alcohol (PVA) nanofiber/hydroxyapatite (HA) for removal of Zn²⁺ ions from wastewater**”, Arabian Journal of Chemistry , 10, 1052–1060, 2017

-Amr M. Zaitoon, Atef M. Elansari, Yehia S. Ahmed, Nahla A. Taha,” **Phase transitions of samani date palm (Phoenix dactylifera L.) fruit using differential scanning calorimeter (DSC)**”, Emirates Journal of Food and Agriculture, 28(9): 625-632, 2016

-Nahla A. Taha , S. E. Abdelhafez, Azza El-Maghraby, "**Chemical and physical preparation of activated carbon using Raw bagasse for cationic dye adsorption**" ,Global Nest Journal , Vol. 18, 402-415, 2016

-M. A. Abu-Saied, T. H. Taha, N. A. Taha, , M. Elsayed Youssef, CHMELA Štefan"**Removal of Cationic Reactive dye using SPGMA polymer combined with an isolated Bacterial Strain** ” Advances in environmental Biology, 9(24) , P:466-481,2015

-Azza El-Maghraby, NahlaA.Taha ” **Magnetic peanut hulls for methylene blue dye removal: Isotherm and kinetic study**” global nest Journal ,Vol. 18(1), 25-37, 2015

-Hassan A. Farag , Rehab M. Ali , Nahla A. Taha, Ihab H. Farag, “ **Abu-Tartour Phosphate Rock Catalyst for Biodiesel Production from Waste Frying Oil**”, Jokull Journal , Vol 65(3) , 2015

-Nahla.A.Taha, Azza El-Maghraby , AsmaaAbdelaziz, " **Characterization of silica- nickel nanoparticles prepared from rice husk by sol gel method**

“Asian Jr. of Microbiol. Biotech. Env. Sc. Vol. 17 (3), 55-59, 2015

-M. E. Ossman, M. S. Mansour, M. A. Fattah¹, N. Taha, Y. Kiros,” **Peanut shells and talc powder for removal of hexavalent chromium from aqueous solutions**”, Bulgarian Chemical Communications, Vol 46 (3), pp. 629 – 639, 2014

-Nahla. A. Taha, Asmaa M. Abd El-Aziz, Azza El-Maghraby ,”**Preparation of activated carbon (chemically and physically) from banana pith for heavy metal removal from wastewater**”, Sci-Afric Journal of Scientific Issues research and Essays, Vol. 2 (9), 399-403, 2014.

-Nahla.A.Taha, Azza El-Maghraby,”**Equilibrium and kinetic studies for the removal of cationic dye using banana pith**”, **Advances in Environmental Research**, Vol. 3 (3), 217-230, 2014.

-M.E.Osman, M.S. Mansour, M. Nahla. A.Taha,” **Characterization Comparison between raw and treated chicken feather for waste water treatment**”, **International Journal of Innovative Research in Technology & Science** , Vol (2), no. 2, 1-5, 2014

-Nahla.A.Taha, Azza El-Maghraby , ”**Characterization of peanut hulls and adsorption study on basic dye: Isotherm and kinetic analysis** ” , **International Journal of Innovative Research in Technology & Science** , Vol (2), no. 2, 9-18, 2014

-M.E. Ossman, M. Abdel fatah, NahlaA.Taha , ” **Fe(III) removal by activated carbon produced from Egyptian rice straw by chemical activation**” , **Desalination and Water Treatment**,52, 3159-3168, 2014

-H.A. Farag, Azza El-Maghraby, Nahla A. Taha”**Kinetic study of used vegetable Oil for Esterification and Transesterification Process of Biodiesel Production**”, **Applied energy journal** , **International Journal of Chemical and Biochemical Sciences** ,3,1-8, 2013.

-H.A. Farag, Azza El-Maghraby , Nahla A. Taha”**Transesterification of esterified mixed oil for biodiesel production** ” , **International Journal of Chemical and Biochemical Sciences**, 2,105-114, 2012

-H.A. Farag, Azza El-Maghraby , Nahla A. Taha” **Optimization of factors affecting esterification of mixed oil with high percentage of free fatty**

acid", Fuel Processing Technology , 92 (2011) 507–510

-A. Aboul-Seoud, NahlaTaha" **The Adsorption of Methylene Blue by Activated Charcoal "**, Alexandria Engineering journal, 49 (3) , 329-338, 2010

-A.A.Amer, Azza El-Maghraby , M. El-Khaiary , Nahla.A.Taha" **Study of the removal of basic dye on raw and pretreated barley straw from aqueous solution and its kinetic behavior "**, Alexandria Engineering journal, 48(6) , 2009.

-Hussein, M.; Amer A. A.; El-Maghraby, A.; Taha, N. A., "**Study the availability of using barley straw for oil spill Clean Up"** . Int. J. Environ. Sci. Tech., 6 (1), 123-130, 2008

- M.Husseien, A.A.Amer, Azza El-Maghraby, Nahla.A.Taha, "**Experimental Investigation of Thermal Modification Influence on Sorption Qualities of Barley Straw"**", Journal Applied Sciences Research, 4(6): 652-657, 2008

-M.Husseien, A.A.Amer, Azza El-Maghraby, Nahla.A.Taha, "**Utilization of Barley Straw as a Source of a Activated Carbon for Removal of Methylene Blue from Aqueous Solution"**", Journal Applied Sciences Research, 3(11): 1352-1358, 2007.

-A.A.Amer, Azza El-Maghraby, G.F.Malash, Nahla.A.Taha, "**Extensive Characterization of Raw Barley Straw and Study the Effect of Steam Pretreatment"** , Journal of Applied Sciences Research, 3(11): 1336-1342, 2007

Conferences publications

Amr M. Zaitoon, Atef M. Elansari, Yehia S. Ahmed, NahlaA.Taha"Phase Transitions of Samani Date Flesh Using Differential Scanning Calorimeter (DSC)", BioVesion Alexandria, poster session , 2016

AmrZaitoon, AtefElansari, YehiaS.Mostafa, NahlaA.Taha, "phase Transitions for Samani Flesh Dates as FFected by scanning rate and Annealing Technique using a Differential Scanning Calorimeter (DSC) " ,Institute of food Technology, Chicago-USA, 11-14 July 2015

M.E. Ossman, M.Abdelfatah, NahlaA.Taha, "Preparation of activated carbon from Egyptian rice straw by chemical activation and its application for adsorption of Fe (II) in batch system", Global conference on Global Warming, GCGW 2012,Istanbul, Turkey, 8-12 July 2012

M.E. Ossman, M. Abdel fatah, NahlaA.Taha, " production and characterization of activated carbon from Egyptian rice straw by physical and chemical activation and , application in removal of Fe (II) materials by continuous mode " , published on Global Conference on Global Warming, GCGW 2012,Istanbul, Turkey, 8-12 July 2012

Books

- A. El-Maghraby, M. F. El-kady, **N. A. Taha**, M. Awwad and Yung-Tse Hung, Book chapter on the title: "**BENEFICIAL REUSE OF WASTE PRODUCTS**" at the book of "Handbook of Environmental and Waste Management", volume 2, Land and ground water pollution control, World Scientific publishing Co. Pte. Ltd, Singapore, published on 27/2/2014.

-Book chapter on the title : **ENERGY FROM BIOMASS – BIOFUELS** at the book of "Materials and processes for energy: communicating current research and technological developments", a divulgation/educationally-oriented publication on Energy and Materials", Volume 1, Formatex Research Center, accepted at 5/2013