

Contact info:

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Title: Ass.Prof. at Petrochemical Eng. Pharos University in Alexandria (PUA). Executive director of Field Training Center in Pharos University.

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**Biographical sketch:
(Academic Degrees-
Fellowships and
Associations)**

- **Associated Professor in petrochemical Eng. Faculty of Engineering, Alexandria University, since Sept.2015 till now**
- **A Consultant in Production Technology of Petroleum, Petrochemicals and gas Technology 2015 till now**
- **Ph.D. in Chemical Engineering, Faculty of Engineering, Alexandria University, July 2010.**
Title of Research " Treatment of Petrochemical Waste Water Containing Phenolic Compounds Using Electrochemical Technique".
- **Ms c. in Chemical Engineering, Faculty of Engineering, Alexandria University, December, 2005.**
Title of Research "A Study on the Performance and modeling of a Small Sized Experimental Batch Solar Distillation Unit"
- **Bachelor degree of Chemical Engineering Department, Faculty of Engineering, Alexandria University, June 1999.**

Occupied positions:

- **Executive Director of Field training center (F.T.C) in Pharos University, Alexandria, Egypt.**
- **Associated trainer Accredited from IBCT (International Board of Certified trainer).j**

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| <p>Publications:</p> | <p>1. Ehssan.N.” Removal of Phosphorous Compounds by Electrochemical Technique”, IRACST – Engineering Science and Technology: An International Journal (ESTIJ), ISSN: 2250-3498, Vol.2, No.3. June 2012.</p> <p>2. Ehssan.N.” Removal of Phosphates from Industrial Waste Water by Chemical Precipitation”, IRACST – Engineering Science and Technology: An International Journal (ESTIJ), ISSN: 2250-3498, Vol.2, No. 3, June 2012.</p> <p>3.Ehssan.N.,and Yehia A.” Removal of phenol from Aqueous solution by Adsorption on local Egyptian Bentonite”,Journal of American Science <i>J Am Sci</i> 2012;8(8):581-589]. (ISSN: 1545-1003).</p> <p>4. Ehssan M. N. ,” UTILIZATION OF BENTONITE AS AN ADSORBENT MATERIAL IN THE REMOVAL OF IRON (III), International Journal of Engineering Science and Technology (IJEST), ISSN : 0975-5462, Vol. 4 No.10, October 2012,pp4480-4489.</p> <p>5- E-S.Z. El-Ashtoukhy, Y.A.El-Taweel, O. Abdelwahab, E.M.Nassef " Treatment of Petrochemical Wastewater Containing Phenolic Compounds by Electrocoagulation Using a Fixed Bed Electrochemical Reactor", Int. J. Electrochem. Sci., 8 (2013) 1534 – 1550.</p> <p>6- Ehssan Nassef , "Thermodynamics and Kinetic Study of Using Modified Clay as an Adsorbent for the Removal of Zn ions from waste water", Journal of American Science <i>J Am Sci</i> 2013;9(9): 141-149. (ISSN: 1545-1003).</p> <p>7. Prof.Dr.Ramadan Abu El-Ella, Dr.Ehssan Nassef," Modification of Fractional Precipitation Method to Determine Wax Content in Western Egyptian Crude Oils. "International Journal of Engineering Research and Technology, February 2014, Vol 8, No.2, ISSN 2278 – 018.</p> <p>8- Ehssan M.R. Nassef and Hesham S.Salah,” IMPROVEMENT OF EGYPTIAN VACUUM DISTILLATES BY UREA DEWAXING ",the <i>Egyptian Journal of Petroleum</i> (EGYJP) and will be published in vol. 24, 2015.</p> <p>9- “Removal of Cr(VI) ions from waste water by electrocoagulation using iron electrode.” Yehia .A.El-Taweel, Ehssan M. Nassef , Iman</p> |
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Elkheriany and Doaa Sayed, has been accepted for publication in the *Egyptian Journal of Petroleum*(EGYJP) and will be published in vol. 24, 2015.

10- Ehssan.Nassef,“Removal of polyaromativ Hydrocarbons by from waste water by electrocoagulation”,Journal Of petroleum and gas Engineering,Vol.5,September 2014,pp 32-42.

11. Asmaa Shalaby, Ehssan Nassef, Ashraf Mubark, Mohamed Hussein, "Phosphate removal from wastewater by electrocoagulation using Aluminum electrodes", American Journal of Environmental Engineering and Science, 2014; 1(5): 90-98.

12.Yehia A. Eltaweel, **Ehssan M. Nassef**, Riham A. Hazza, **Recovery of Copper from Wastewater by Cementation Technique**
World Environment journal, 2014, 4(5): 199-205.

13. Ehssan Nassef, Yehia A. El-Taweel, **Removal of Copper From Wastewater By Cementation From Simulated Leach Liquors , Chemical Engineering & Process Technology**,vol.6:1,2015.

14. Al-Alla and Nassef, **Extraction of Oil from Egyptian Oil ShaleJ Pet Environ Biotechnol 2015, 6:1**

15. Ehssan Nassef¹, Aya Soliman¹, Ramadan Abou Al-Alla¹, Yehia Eltaweel, **Experimental Study on Solvent Extractionof Quseir Oil Shale in Egypt**, Journal of Surface Engineered Materials and Advanced Technology, 2015, 5, Published Online July 2015.

16. Amira Abou-Taleb, Ehssan Nassef,and Mohamed Hussein, **Study on removal of COD from some industrial liquid waste by electrocoagulation technique**, Pelagia Research Library Der Chemica Sinica, 2015, 6(12):36-40.

17. Mohamed Abdel Salam, Ehssan Nassef, Eman Elkheriany, Yehia El Tawe,**Modelling and Simulation of Gauze Reactor of Ammonia Oxidation**, American Journal of Chemical Engineering, 2016; 4(1): 16-22.

18. AlaaEldin Elnenay, Ehssan Nassef, Gehan Farouk Malash,Mohamed Hussein Abdel Magid,Study on treatment of drilling fluids wastewater by electrocoagulation, Egyptian Journal of Petroleum, March 2016.

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| | <p>19. Ehssan Nassef, Yehia Eltaweel, Ismail Awwad,"ADSORPTION OF NICKEL USING ACTIVATED CARBON FROM SUGARCANE", <i>Engineering Science and Technology: An International Journal (ESTIJ)</i>, ISSN: 2250-3498 ,Vol.7, No.4, 2017.</p> <p>20. Eiman Helmy,E.Nassef and Mohamed Hussein,"Study on the Removal of Water Hardness by Electrocoagulation Technique", international Journal of Chemical and Biochemical Sciences,vol.12,pp1-17,2017.</p> <p>21-E. Nassef1; A. Mahmoud; H. Salah; Y. El-taweel ,Removal of Copper Ions from Liquid Wastes Using Adsorption Technique, International Journal of Research in Industrial Engineering,Vol.6,No.3,pp 522–562,2017.</p> <p>22. Ehssan Nassef, Mohamed Mousa, Dina Elgayar & Mohamed Hussein, A Novel Technique for Water Hardness Removal by Using Polystyrene, Australian Journal Of Basic And Applied Sciences,Vol13,2018.</p> |
| <p>Academic Research interests:</p> | <p>Environmental engineering, Nano-technology, Polymers, Petroleum Engineering, recycling of polymers, Water treatment by Electrochemical Techniques.</p> |