

Curriculum vitae



Personal data:

Name : EMAN MOHAMED MOSTAFA
Sex : Female
Nationality : Egyptian
Date of birth : 25\04\1979
Address : Egypt/Cairo
Mobile : 01002266740
Marital status : Single
E-mail : emymohamed2009@yahoo.com

Educational Role : (Researcher, production department, PVT Services Center) (Egyptian Petroleum Research Institute((EPRI)

- **Researcher in materials of Solar Energy**
- **Researches in Renewable Energy**
- Identify the chemistry of oil and gas, petrochemical and petroleum geology and production both theoretically and practically

Qualification:

2014- 2018 :

- PHD Degree in Chemistry in Ain Shams University, Cairo, Egypt
- Reserach Title " Superheated Steam Generation using Solar System Prototype for recovery of Heavy Oil from Egyptian Reservoirs"

2014-2015 :

- Diploma in Sciences and Engineering of Renewable Energy in Beni-Suef University, Faculty of Post graduated for Advanced Science, Egypt. Very Good Grade (79.73%) .

2013-2014:

- Diploma statistical control and quality assurance in Cairo University , Egypt Very Good Grade (83.6 %)

2006 - 5/3/2011:

- M.Sc. Degree in Inorganic and Analytical Chemistry in Al-Azhar University Cairo
- Research Title " Novel Cyclodiphosph(V)azane-thiolate and thiocarb- Onate Derivatives, Preparation, Identification and Biological Activity "

2005 – 2006:

- Primary Master inorganic Chemistry and Analytical in Al-Azhar University Cairo

2004 – 2005:

- Diploma of Biochemistry and Analytical in Alexandria University , Egypt
- Grade Very Good

1999 – 2003:

- Faculty of Science, Chemistry (Special chemistry) in Al-Azhar University Cairo, Egypt
- Grade: Very Good with honour (81.82%)

Training Programmes :

((10-11)/03/ 2019):

- Workshop on ((Science diplomacy, Innovation and Entrepreneurship for sustainable development)) World Forum for Women in science(WISWB 2019),Cairo, Egypt.

((02-03)/03/ 2019):

- Workshop on ((Art of Sales and Marketing)) Better Lfe Center, Cairo, Egypt.

((23-27)/12/ 2018):

- Workshop on ((Skills of Preparing Future Leaders)) Sadat Academy for Management Scienes, Cairo, Egypt.

((16-18)/12/ 2018):

- Workshop on ((Planning and Sustainable Development)) Sadat Academy for Management Sciences, Cairo, Egypt.

(27/11/ 2018):

- Workshop on ((Problem Solving and Team Work Enhancement)) in DAAD Kairo Akademi, Cairo, Egypt.

(25/11/ 2018):

- Workshop on ((Water Desalination and Renewable Energy for Sustainable Development)) in Egypte Desdalinatoin Reasearch Center (EDRC), Cairo, Egypt.

(09/7/ 2017):

- Workshop on ((Research Processes :Overview and Principles)) in DAAD Kairo Akademi, Cairo, Egypt.

(18-20)/04/ 2017 :

- Workshop on ((New Trend in Cooling Towers Water)) in Egyptian Petroleum Research Institute((EPRI).

(17-19)/01/ 2017 :

- Workshop on ((Utiiization of Emulsion in Different Petroleum Appliictions)) in Egyptian Petroleum Research Institute((EPRI).

(25 /5/ 2017):

- Workshop on ((Self-Maeketing)) in DAAD Kairo Akademi, Cairo, Egypt.

(26 /2/ 2017):

- Workshop on ((Proposal Writing Post Docs)) in DAAD Kairo Akademi, Cairo, Egypt.

(6-8)/12/2016

- Workshop on ((Next Generation of Polymer Nanocomposites for Sustainable Development in Egypt)) in Egyptian Petroleum Research Institute((EPRI).

(19 /10/ 2016):

- Workshop on ((How To Present Scientific Data)) in DAAD Kairo Akademi, Cairo, Egypt.

(21 /8/ 2016):

- Workshop on ((Basic First Aid and Clinical Skills)) in (E.C.C: European Cultura Center), Cairo, Egypt.

(21-22)/11/2015:

- The 1st international Workshop on ((Recent Advances in Nanomaterials)) in Beni-Suef University, Faculty of Post graduated for Advanced Science, Egypt.

(3-17)/11/2015:

- Workshop on Introduction of Nanotechnology in Naqaa Foundation For Scientific Research Technology and Development.

13 /11/ 2015:

- Workshop on Nanotechnology: From Physics to Applications , Naqaa Foundation for Scientific Research Technology and Development, Giza, Egypt

(21-23)/6/2014:

- Workshop on Solar energy and its Applications in Arab Society of Materials Science (ASMS) Alexandria ,Egypt , Which include the following Courses
 - 1- Solar Energy Prospective
 - 2- PV System components
 - 3- PV System Design
 - 4- Photovoltaic Technology Development
 - 5- Software for PV Systems
 - 6- Technical and Financial Aspects for Concentrated Solar Power Systems
 - 7- Practical Examples of Two PV Systems

8/5/2014 :

- Workshop on data management using EndonotX7 software in National Research Center , Cairo, Egypt

(9-16)/4/2011 :

- Career in HR Program in Global Academy Training and Development, Ain Shams University, Cairo, Egypt

29/3/2011 :

- Effective communication skills (Mr.Ahmed koddous) in International Center for Training and Consulting, Cairo, Egypt.

18/3/2011:

- Life cycle model (Dr .Ahamed Eldemlaowy) in A national initiative Yamsr, Cairo, Egypt

27/2/2011 :

- Time management (Mr. Samy Yousef) in A national initiative Yamsr , Cairo, Egypt

10/9/2007 TO 12/12/2007 :

- Training in Biochemistry and microbiology departments in Medical Center of El-Asher Men Ramadan Cairo, Egypt.

Publication and Conference

- " Synthesis and Thermal conductivity of Iron vanadium oxide-Iron oxide Hybrid Nanofluid in Flat Plat Prototype Solar Collector". 3rdInternational Conference for Women in Science network (12-14 March. 2019) (WISWB 2019)
- " Modeling and Simulation of a Stand-alone Parabolic Trough Solar to Generate Superheated Steam for recovery of Heavy Oil. The 22nd International

- Conference on Petroleum, Mineral Resources and Development.(26-228 Feb. 2019)(EPRI).
- " Construction and evaluation of solar collector prototypes in different weather conditions. The 21st International Conference on Petroleum, Mineral Resources and Development.(20-22 Feb. 2018)(EPRI).
 - " Construction and evaluation of solar collector prototypes in different weather conditions. The 21st International Conference on Petroleum, Mineral Resources and Development.(20-22 Feb. 2018)(EPRI).
 - "Enhancement the Efficiency of Flat Plate Collector for Solar Energy Conversion by heat transfer fluid based nanomaterial. The 20th International Conference on Petroleum, Mineral Resources and Development.(20-22 Feb. 2017)(EPRI).
 - "Enhancing the Stability of Ethylene Glycol Based Nanoparticle" ,16th Arab International Conference on Materials Science Materials for society (Alexandria 3-5 Dec 2016).
 - Science for Sustainable construction and Energy((SSCE),(14&15) November 2016, Arab Union for Sustainable Development &Environment and Under the auspices of League of Arab States.
 - Six International Conference of the Arab Federation for Sustainable Development and the Environment(8-10) May 2016,(IEUS), Arab Union for Sustainable Development &Environment& Ain-Shams University, Cairo, Egypt.
 - 5th Anniversary of ANSOLE (2011-2016): International Conference on Renewable Energy (INCORE2016) (3-6 February 2016) ,Zewail City of Science and Technology, 6th of October City, Egypt.
 - "Novel cyclodiphosph(v)azane-Thiolate and Thiocarbonate Derivatives, Preparation,Identification and Biological Activity" the book's ISBN (978-3-659-96623-1) in LAP LAMBERT Academic Publishing.
 - "Studis in Cyclodiphosph(V)azanes: Reactions of Some Hexacyclochlorocyclo-diphosph(V)azenes(I) with Dithiolate Deravatives",8thInternational ScientificConference,AI AzharUniversity(AZHARSCIENCE),Enviroment,Dev elopment, and Bioinformatics,26-28 Mach2012,Cairo,Egypt

Previous Experience:

- ✓ (2013-till now) Researcher in Egyptian Petroleum Research Institute(EPRI) ,Production Department, Centre PVT
- ✓ (2005- 2013) chemistry, Faculty of Oral & Dental medicine). Working in Misr International University .

Memberships:

- **membership of Organization for Women Science for the Developing world (OWSD)**
- **The Arab Society Of Material Science**, Institute of Graduate Studies and Research, Alexandria University ,Alexandria, Egypt

- **Naqaa Nanotechnology Network NNN, Giza, Egypt**
- **Arab Union for Sustainable Development and Environment**
- **membership of the Royal Society of Chemistry**

Languages:

- Arabic mother tongue.
- English very good (studying English course in MITU Academy).
- Having TOEFL, Cairo University, Egypt

Computer Skills

- ICDL Course
- Program SPSS software.
- Professional MS office user
- Program MATLAB software

Personal skills

- Team leader skills.
- Hard-working.
- Able to work under stress
- Self-development.
- Self-confident.

Dear Sir:

I am a chemist and working as Researcher in EPRI, I have a good experience in inorganic, analytical and photochemistry and its application in the identification of structure and function of Nanoselective coating and Nanofluid heat transfer material which used in solar energy. My main target is using the principles and characteristics of chemistry and Engineering to apply it in economics of renewable energy my curriculum vita enclosed for your reference and I would be pleased to discuss any information with you in more detail at an interview. In the meantime, please do not hesitate to contact me for further information. I am looking forward to hear from you with a positive consideration.

Yours faithfully,

Eman Mohamed Mostafa