**Marwa Ahmed Sakr**

Abu Dhabi – UAE

**Objective**: Seeking an opportunity that perfectly builds and enhances my career and provide me with the best chances to improve my skills.

**Professional Experience**

* **Alexandria**

Pharos University aspires to be one of the leading comprehensive universities in the region and across the globe to develop and prepare its students for inspired leadership, personal fulfillment and learning.

**Petrochemical Demonstrator / Instructor (2006-2009).**

* Teaching undergraduate courses; theoretical courses at sections and practical courses at laboratories; organic chemistry, inorganic and analytical chemistry, general chemistry, instrumental analysis and introduction to petrochemical industry.
* Participating in preparing the scientific courses materials with my professors and colleagues and publishing them to the University website.
* Participating and preparing conferences of petrochemical companies under supervision of the faculty of engineering.
* Attended (project management) conference under supervision of the head of petrochemical department, faculty of Engineering, Pharos University.
* Succeeded in creating links with international universities aiming to help students to attend external trainings and gain experiences. The university is KTH (the largest and oldest technical university in Sweden).
* Succeeded in creating links with petroleum and petrochemical companies helping students to attend summer trainings for their future career and to increase perceptions about the technology, design and operation of plants and equipment.
* Preparing reports and documents related to testing and researches.
* Participating in preparing the practical laboratories instruments, provide instructions to students on usage the equipments according to standard procedure and techniques.
* Assisting professors in future planning to branch the department, taking into consideration the overdrive action.

Achievements: The excellent reputation of the department due to the great contributions of the faculty members including me increased the number of students up to triple its starting number.

**Summer Training Experience**

* **Sidi Kerir Petrochemicals Company(SIDPEC)** Summer (2005)

SIDPEC utilizes the latest available technology and design in order to produce many petroleum and petrochemical products and polymers includes linear low and high density polyethylene.

Address : KM 36 Alexandria/Cairo Desert Road, **Alexandria, Egypt,** Tel.: (+203) 4770141- 4770145.

* **Alexandria National Refining & Petrochemical company (ANRPC)** Summer (2004)

ANRPC establishes, manages, and operates of productive units in the field of refining, manufacturing and petrochemical to produce various high quality petroleum and petrochemical products.

Address**: Wady El-Kamar St. , Alexandria, Egypt,** Tel.**:(+203) 4414597- 9500391 – 9500392.**

* **Alexandria petroleum company** Summer(2003,2002)

APC is one of the Egyptian General Petroleum Corporation Companies. It is a refinery company that produces a lot of petroleum products. Trained in Re-refining spent oil units.

Address: PO Box 3, Bldg. Al Max, Alexandria, Egypt, Tel.**:(+203)**4402832- 4403200.

**Education and Professional Qualifications**

* **Master of Science in Chemical Engineering, Faculty of Engineering, Alexandria University.** (2009)

Wastewater treatment is a process to convert wastewater into an effluent that can be returned to the water cycle with minimal environmental issues, using electrochemical technique. The most dangerous effluents that can be found in wastewater are the heavy metals (such as copper and nickel) due to its toxicology to the human and health.

The electrochemical wastewater treatment is done by electrocoagulation which is very effective technique as it requires simple and easy requirement to operate. Different variables that affect the electrocoagulation process were examined in addition to the period and the energy consumption in order to obtain the optimum condition of the removal from the economic point of view.

* **Master project:** Cumulative GPA: **3.77**(92%)

Wastewater treatment, Removal of Copper and Nickel from wastewater using electrochemical techniques under supervision of Prof. Ahmed A. Zatoot

* **B.Sc. Chemical Engineering, Faculty of Engineering, Alexandria University.** (2006)

Chemical engineering deals with the engineering of chemicals, energy and the processes that create and/or convert them, it concerned with processes that convert raw materials or chemicals into more useful or valuable forms. They are also concerned with pioneering valuable materials and related techniques – which are often essential to related fields such as petroleum, petrochemical and polymer science.

* + - * + **Cumulative grade:** very Good with the degree of honour (82%)**.**

Polymer science is a subfield of materials science concerned with polymers, primarily synthetic polymers such as plastics and elastomers. The field of polymer science includes researchers in multiple disciplines including chemistry, physics, and engineering.

* + - * + **Graduation Project:** Graduation Project grade: **Excellent**.

Polymerization of Pyrogallol and its application as semi-conductor

under supervision of Prof. Samy El-Garf.

Computer Skills

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| * Microsoft Office skills; (Word, Power Point and Excel). | * Internet surfing and browsing. |

**Language Skills**

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| * Arabic - Mother tongue. | * English - Excellent. |

**Additional Courses**

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| * Academic ILETS (2016): 6.5 | * GRE course (2016). |
| * TOEFL (2009): 567/700 | * Project Management (2008). |

**Interpersonal Skills**

* Excellent communication, presentation & report writing skills.
* Proven success in motivating colleagues and staff.
* Strong problem-solving, critical judgment and research skills.

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| **Marwa Ahmed Sakr – CV No 2029368**  To interview this candidate, please send your company name, vacancy and salary offered details along with this or other CV Reference Numbers that you may have short listed from  <http://www.gulfjobseeker.com/employer/cvdatabasepaid.php>  addressing to HR Consultant on [cvcontacts@gulfjobseekers.com](mailto:cvcontacts@gulfjobseekers.com)  We will contact the candidates to ensure their availability for your vacancy and send you our service HR Consulting Fees quotation for your approval. Whatsapp +971504753686  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |