# CV

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**Nationality**: Libyan

## PROFESSIONAL BACKGROUND:

I have done MS in Chemistry from Sebha University, Faculty Science, Libya, under fully funded Libyan Government scholarship. The thesis topic during my MS studies was " Utilization of Rice, Barley (Hordeum Vulgare) Husk and Coal fly Ashes as Additives for Ordinary Portland Cement ". Currently I am serving University of Sebha as a Faculty member which is a reputed engineering institute in Libya.

## CERTIFICATIONS

***Training And Development Center/ Sabah University: "** chemical treatment in factories and oil fields " during the period of 15 Hrs. / from 18-25/9/2019.

***Workshop of Iraq Youth Center For Studies and Training:**

1.Entrepreneurial/ it took place July 7/2020.

2.Time Management / it took place July11/2020.

3. Self Confidence/ it took place July 15/ 2020.

4.Digital Maebeting / it took place July 18/ 2020

5.Curriculum Vitae/ it took place July 21/ 2020.

6. Industry Success Strategies /it took place august 6/ 2020.

***Workshop of Kingston Business Academy: "** in recognition of the outstanding participation in the outside the box". / it took place august 10/ 2020.

***Workshop of United Nations Global Marketplace**: the international organization for the protection of the human rights Ukraine Iraq**:** workshop: "occupational safety university of Plymouth as a model"/ it took place august 15/ 2020 .

## MANAGEMENT POSITION:

* Coordinator of Research and Consulting in Department .

* Coordinator of Quality Assurance in Department.

## COMPUTER SKILLS:

Microsoft Operating Systems **(Excellent)**

Ms Word – Ms Excel –Ms Power point **(Very Good)**

## LANGUAGE PROFICIENCY:

Arabic **(Native)**

English **(Professional)**

## PROJECTS:

- **2019:** " Maintain Wellbore Stability by Using Alternative Material (Coal Fly Ash + Perma loss)".
- **2019: "**Investigation the physical and strength characrizatios of wheat husk ash concrete.
- **2020: "**Characterization of activated carbon and its performance to treat produced water for injection water. "
- **2020: "**Finding an alternative acid to hydrochloric acid for in well stimulation processes (laboratory study applied on core samples taken from a mal oil field formations). "
- **2022: "** Enhanced Oil Recovery by Using Aluminum Oxide Nanoparticles Supported By Arabic Gum. "

- **2022: "** Synergistic Effect of Zizyphus Spina Christi on the corrosion Inhibition of Mild Steel in Hydrochloric acid Solution. "
- **2023: "** Separation of Crude Oil and Its Derivatives Spilled In Sea Water by Using Hybrid Absorbent Materials Spinal Oxide With Consumer Green Tea Ash and Spinal Oxide With Arabic Gum. "
- **2023: "**Study on The Effect of Moringa Alcoholic Extract on The Corrosion Inhibition of Medium Carbon Steel. "
- **2023: "** Study on Corrosion Inhibition for Complexes Derived from 2-AminoThiophenol and Thioure. "
- **2023: "** Separation of Crude Oil and Its Derivatives Spilled In Seawater by Using Commiphora Myrrha and Coal Fly Ash. "
- **2023: "** Treatment Produced Water Using Microalgae. "
- **2023: "** Synthesis, Spectral and antimicrobial Studies of Schiff Bases and it Chelates. "
- **2023: "**Chemical Synthesis of Aluminum Oxide and Copper Oxide Nanoparticles, Determination of Their Antioxidant and Antimicrobial Activity . "

## CONFERENCE PARTICIPATIONS AND PUBLICATIONS:

- **2013:** Journal of Industrial and Engineering Chemistry / Elsevier "Beneficiation of the huge waste quantities of barley and rice husks as well as coal fly ashes as additives for Portland cement." , JIEC-1696: No. of Pages 11 2013.
- **16-17 Oct 2019:** Participated at 2$^{nd}$ International Conference on Science & Technology (ICST-2019) at Brak (Wadi Shatti) / Libya and presented a paper under title " The Effect of Methyle Carbazodithoate" Corrosion inhibitor on Corrosion Behaviour of Low Carbon Steels in Acid Solution at Different Temperatures".

- **2019:** Journal of Pure & Applied Sciences " The Effect of Methyle Carbazodithoate" Corrosion inhibitor on Corrosion Behaviour of Low Carbon Steels in Acid Solution at Different Temperatures" ISSN 2521-9200, JOPAS Vol.18 No. 4 2019.
- **22-23 Feb2022:** Sci. conference of oil and gas Agdabia " Activated carbon used to enhance the oil recovery. "
- **2022:** Academy journal for Basic and Applied Sciences (AJBAS) " Studying the effect of Moringa inhibitor on the corrosion of mild steels in 0.5M $H_2SO_4$ at temperatures $40^oC$ and $50^oC$" , AJBAS Volume 4#3 December 2022.
- **2023:** Academy journal for Basic and Applied Sciences (AJBAS) "Oil removal technique using spinal cobalt Nano particles with barley husk :as additives to increase adsorption efficiency " AJBAS Volume 5#1 April 2023.
- Participated a paper under title" The Effect of Adding Barley and oats husk ashes on the Properties of Ordinary Portland Cement. "
- Participated a paper under title" A Novel Study to Reduce Water Salinity Using Activated Carbon extracted from waste date kernel. "
- Participated a paper under title" Synthesis and Spectroscopy Studies of Mixed Ligand – Chelates Derived From 2-Aminothiophenol and Thioure. "
- . Participated a paper under title" Investigation on Effect of Zizyphus Spina-Christi on the corrosion Inhibition of Mild Steel in Hydrochloric acid Solution. "
- Participated a paper under title" Synthesis of Cobalt Aluminum Oxide (CAO) Nanoparticles Using Sol Gel Method. "
- Participated a paper under title" Investigation the Physical and Strength Charactrizations of Local Wheat Husk Ash Concrete. "
- Participated a paper under title" Maintain Well Bore Stability By Using Alternative Material (Coal Fly Ash + Perma loss). "
- Participated a paper under title" Oil Well Water Treatment Using Activated Carbon. "

## TEACHING COURSES AT SABHA UNIVERSITY:

*General Chemistry I

* Practical General Chemistry I

* Ceramics

* Polymeric Materials

* X-Ray Diffraction

* Chemical Reaction Engineering I

* Chemical Reaction Engineering II

* Mass Transfer I

* Mass Transfer II

* Petro Chemical Industry

* plant utilities

*Organic Chemistry

*Corrosion Principle

I have taught all above mentioned courses during my academic career and I have also completed couple of academic projects using different software**.**