**C.V.**

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**Personal :**

1. **Name : Dr. Qasim Yahya Rahawi, Assistant Professor of Physical Chemistry.**
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**Education :**

1. **B.Sc. in Chemistry "Good" from University of Mosul, 1977 .**
2. **M.Sc. in Chemistry "V.Good" from University of Mosul, 1981.**
3. **Ph.D. in Bio Physical Chemistry from University of Mosul, 1993.**

**Professional and Occupation:**

1. **Chemist at Yeast Department, Sugar Factory, Mosul, from 7 May 1984 to 5 Oct 1996.**
   1. Yeast production manager.
   2. Quality Control Manager.
   3. Director of Research and Development

**2- Head of Chemistry Department, College of Education, University of Dhamar, Yemen from 23 Nov 1996 to 30 Sep 2004.**

**3- Lecturer at Chemistry Department, College of Science, University of Mosul, from 23 Nov 2005 to 23 Oct 2013.**

**4-Assistant Professor at College of Science, University of Mosul, from 5 Sep 2011 until now.**

**5-Dean Assistant of College of Science, University of Mosul, from 13 Sep 2011 to 6 Oct 2013.**

**6- Lecturer at Biophysics Department, College of Science, University of Mosul, from 2 Oct 2013 to 2 Nov 2013**

**8- Lecturer of Mining Department, College of Petroleum and Mining Engineering, University of Mosul, from 3 Nov 2013 till now.**

**9- Head of Mining Engineering Department, Collage of Petroleum and Mining Engineering, University of Mosul, from 9 July 2019 till now.**

**Scientific activities :**

1. **Supervision (2) M.Sc student, (1) Ph. D. student.**
2. **The Member of research group in Department of Chemistry, college of science on electrochemical method of analysis.**
3. **I have activities against the Corona pandemic.**
   1. **Production of hand sanitizing gel.**
   2. **Producing a sanitizing solution for hands, surfaces, office and household items.**

**3-3 Producing ethyl alcohol in cooperation with sugar, yeast and medical alcohol factories.**

1. **Associate editor for IJAPE.**
2. **Associate editor for EduLearn.**
3. **Associate editor for IJ-ICT.**
4. **Associate editor for IJRES**
5. **Reviewer for IJECE**
6. **Reviewer for BEEI.**
7. **Reviewer for IJPEDS.**
8. **Reviewer for IJEECS**
9. **Reviewer for more than fourteen scientific international conferences.**
10. **I was assigned as a representative (official spokesperson) between the University of Mosul and the Iraqi Ministry of Industry and Minerals**
11. **I became a member of the American International Academy of Higher Education and Training on February 21, 2021**

**Researchs:**

1- Published papers and accepted for publication in different journals .

a. Spectroscopic Study on the Probable Interaction of Ascorbic Acid with Nipride, Raf. J. Sci., Vol. 21, No.3 pp 7- 17, 2010.

b. Spectrophotometric Determination of Sodium Nitroprusside by Coupling with Diazotized p-Nitroaniline and Determination of thermodynamic Parameters, Raf. J. Sci., Vol. 22, No.3 pp 119- 128, 2011.

c. Theoretical Study of the Reaction of some Amino Alkyl Bromides with Hydrosulfite Ion in Acidic and Basic Media, Raf. J. Sci., Vol. 22, No.4 pp 85-96, 2011

d. UV-derivative Spectra of Co-enzyme Q0. Determination of trace amounts. Iraqi National Journal of Chemistry,2011,volume 43 pp 424-435

e. Complexation Constants of Ubiquinone,0 and Ubiquinone,10

with Nucleosides and Nucleic Acid Bases. Z. Naturforsch. 63a, 114 – 120 (2008); received May 17, 2007.

f. Interactions Study of Co-enzyme-Q0 with Aniline and Pyrrole Using Square Wave Voltammetric Technique. Raf. J. Sci.,Vol.28, No.2 Special Issue for the Third Scientific Conference of Chemistry, pp.193-203, 2019

g. [The suitability of microscale compressed air axial turbine for domestic solar powered Brayton cycle](https://www.researchgate.net/publication/339418703_The_suitability_of_microscale_compressed_air_axial_turbine_for_domestic_solar_powered_Brayton_cycle?_sg=WlX1NQzenF_njzVi41UXmKqvs20LcHAbQN51SiCRkb__DFb8n_C3LVCfSiSyAKisJFNBcBacffVEIEyUaXPfw4FdxtcIF6r4IJdgv7l4.c-tBaux3XPs7JbR5PzN5lIAyBfGN6TOE1kCf7A72-ufpPHI25_omXVR26NWGH753DmihuXvM9h0nK4uNCsYQKw). 2020, International Journal of Energy and Environmental Engineering.

h. Optimization of the microwaves assisted extractive/oxidative desulfurization of diesel feed stock using VO(acac)2 in acid Bronsted ionic liquid. **(under review )**

2- I review 110 manuscripts in the period 19 Mar 2020 to 14 Apr 2021 in different 12 International Journals (Scopus), while 14 manuscripts for different International Conferences.