

# Curriculum Vitae

## Kovan Dilawer Issa



Personal Information			
Name & Surname: Kovan Dilawer Issa			
Date of Birth: 15 / 1 / 1994		Nationality: Iraqi	
Gender: Male		Marital Status: Married	
Contact Information			
Mob Number: 0750 780 9682		Email: <a href="mailto:kovan.dilawer@tiu.edu.iq">kovan.dilawer@tiu.edu.iq</a>	
Address/City: Iraq, Kurdistan Region, Erbil, Kwestan, Near Abubakir Siddiq Mosque.			
Residency position :			
<input checked="" type="checkbox"/> Iraqi Citizen <input type="checkbox"/> Other Countries Citizen			
<b>ID Card Status :</b>			
<input checked="" type="checkbox"/> KRG Residence			
<input type="checkbox"/> Temporary ID (one month – three months)			
<input type="checkbox"/> Permanent ID (minimum one year)			
Professional Information			
Last Academic Title: <b>Assistant Lecturer</b>			
Have you got a Certificate of <b>Teaching Methods</b> Course? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
If Yes, Identify the;		Issuing Authority: ( <b>93</b> )	Issuing Date: ( <b>31/ 7/ 2023</b> )
Language Skills			
Language	Fluent	Good	Primary
1- Kurdish	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2- English	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3- Arabic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4- Turkish	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
For English Language , have you been certified by:			
<b>IELTS</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
If Yes, Identify the ;		Score : ( <b>6.5</b> )	Issuing Date: ( <b>10/ 11/ 2022</b> )
Academic Certificates			
<b>Bachelor Degree: 79.657 %</b>			
<b>Master Degree: 88.175 %</b>			
Computer Skills			
Skill Title		Level/ Practicing Period	
Microsoft Office (Word, Excel, PowerPoint, Publisher)		Expert	
ChemOffice (ChemDraw)		Expert	
Endnote		Expert	

Mestrenova	Very good
GraphPad	Very good
Biorender	Good

## EDUCATION AND QUALIFICATIONS

YEAR	DEGREE
2022	<b>MASTER DEGREE:</b> Salahaddin University-Erbil, College of Science, Department of Chemistry  (Green and an Alternative Synthetic Approach for the Preparation of Some 4-Aminoantipyrine and 3-Amino-5-methylisoxazole Schiff Bases Using DMEA Catalyst)
2015	<b>BACHELOR'S DEGREE:</b> Salahaddin University-Erbil, College of Science, Department of Chemistry
2011	<b>BACCALAUREATE (HIGH SCHOOL):</b> Pirmam High School

## WORK EXPERIENCE

Year	Place	Title
Dec. 2025 – Present	TIU	Coordinator of the Anesthesia Department
Dec. 2025 – Present	TIU	Head of Exam Committee at the Anesthesia Department
Spe. 2024 – Nov. 2025	TIU	Disciplinary Committee at Medical Analysis Department
Sept. 2023 – Nov. 2025	TIU	Exam Committee member at Medical Analysis Department
Sept. 2023 – Nov. 2025	TIU	Academic at Medical Analysis Department
Sept. 2023 – Present	TIU	Applied Science Faculty Web editor
Oct. 2021 – Sept. 2023	TIU	Applied Science Faculty ISO Representative
Oct. 2020 – Sept. 2023	TIU	Applied Science Faculty Secretary
Oct. 2018 – Oct. 2020	TIU	TIU – Research Center
Feb. 2018 – Oct. 2018	TIU	Medical Analysis Dept. ISO Representative
Feb. 2018 – Oct. 2018	TIU	Research Assistant at Medical Analysis Dept.

## RESEARCH INTERESTS :

- 1- Organic Chemistry
- 2- Phytochemistry
- 3- Biological Chemistry
- 4- Nanotechnology

## Citations :

Google Scholar Citations: 140

## COURSES TAUGHT

- 1- General Chemistry (Pharmacy Department – 2018): 1<sup>st</sup> Grade (Practical)
- 2- General Chemistry (Medical Analysis Department – 2018) 1<sup>st</sup> Grade (Practical)
- 3- Analytical Chemistry (Pharmacy Department – 2018) 1<sup>st</sup> Grade (Practical)
- 4- Analytical Chemistry (Medical Analysis Department – 2018) 1<sup>st</sup> Grade (Practical)
- 5- Organic Chemistry (Medical Analysis Department – 2018) 1<sup>st</sup> Grade (Practical)
- 6- Organic Chemistry (Pharmacy Department – 2018-2019) 2<sup>nd</sup> Grade (Practical)
- 7- Organic Chemistry (Pharmacy Department – 2019-2020) 2<sup>nd</sup> Grade (Practical)
- 8- Organic Chemistry (Medical Analysis Department – 2020-2021) 1<sup>st</sup> Grade (Practical)
- 9- Clinical Biochemistry (Medical Analysis Dept – 2020-2021) 4<sup>th</sup> Grade (Practical)
- 10- Analytical Chemistry (Medical Analysis Department – 2021-2022) 1<sup>st</sup> Grade (Practical)
- 11- Organic Chemistry (Medical Analysis Department – 2021-2022) 1<sup>st</sup> Grade (Practical)
- 12- Analytical Chemistry (Medical Analysis Department – 2022-2023) 1<sup>st</sup> Grade (Practical)
- 13- Organic Chemistry (Medical Analysis Department – 2022-2023) 1<sup>st</sup> Grade (Practical)
- 14- Organic Chemistry (Medical Analysis Department – 2023-2024) 1<sup>st</sup> Grade
- 15- Analytical Chemistry (Medical Analysis Department – 2024-2025) 1<sup>st</sup> Grade
- 16- Organic Chemistry (Medical Analysis Department – 2024-2025) 1<sup>st</sup> Grade
- 17- Analytical Chemistry (Medical Analysis Department – 2025-2026) 1<sup>st</sup> Grade
- 18- Clinical Chemistry (Anesthesia Department – 2025-2026) 1<sup>st</sup> Grade

## PROJECTS

- 1- 4<sup>th</sup> Grade Graduation Poster Project Exhibition (Organizing Committee), 22/ 6/ 2022
- 2- Social Community Project on Disabled Children's Smile (visit to Helena Center for Training and Surgery for Children with Disabilities), 7/ 11/ 2023.
- 3- Social Project on Diabetes Mellitus Awareness (visit to Kurdistan Gawra High School), 27/ 11/ 2023.
- 4- Medical Analysis Knowledge Olympiad, 8/ 2/ 2024 – 3/ 3/ 2024.

## ACADEMIC ACTIVITIES (workshops, seminars , participations, others..)

- 1- (Presenter in Section Green Solar Energy) at the International Multi-Conference on Signal, System, and Devices SSD2025, Monastir, Tunisia, 17 – 22 / 2 / 2025
- 2- National Workshop on International Women's Day, 7/ 3/ 2024.
- 3- Integrating Community and Industry Needs in Mathematics Education (Workshop): 2/3/2024
- 4- Heisenberg Uncertainty Principle and a wave packet approach (Training Course): 8/2/2024
- 5- National Workshop on Harmony in Healing, 4/ 2/ 2024.
- 6- International Workshop on Biochemistry of Ageing Process, 14/ 12/ 2023.
- 7- National Workshop on Fundamental Techniques in Cell Culturing, 5/ 12/ 2023.
- 8- National Workshop on World Antimicrobial Resistance Awareness Week, 22/ 11/ 2023.
- 9- Tiny Quantum Dots with Huge Effects, 2023 Noble Prize in Chemistry (Seminar): 1/11/2023
- 10- Technical Procedure at the Labs (as a Presenter): 31/10/2023.

- 11- Unlocking Minds and Bridging Border: International Workshop on Autism Announcement: 26/10/2023
- 12- Bridging Bonds: Teacher – Student Relations (Seminar) 25/10/2023
- 13- National Workshop on Crimean-Congo Hemorrhage Fever, 23/ 10/ 2023.
- 14- Principles of Workstation Ergonomics (Training Course\_ 24 hours): 5/10/2023 – 12/10/2023.
- 15- National Workshop on Emerging Trends in Pharmaceutical Sciences, 28/ 9/ 2023.
- 16- World Physiotherapy Day (Workshop): 11/9/2023.
- 17- Unlocking Medical Ethics and Applications for Healthcare Providers (Training Course): Sep/Oct/ 2023
- 18- Paediatric First Aid (Training Course\_ 24 hours): 17/9/2023 – 24/9/2023.
- 19- Recent Advances in Cancer Therapy (RACT) (Workshop): 30/4/2023
- 20- 5<sup>th</sup> International Pharmacy Workshop on Drug Safety Monitoring to Enhance Patient Safety and Health: 27/2/2023
- 21- 6<sup>th</sup> International Workshop on Nanotechnology, 22/ 12/ 2022.
- 22- International Workshop on Med. Genomic and Proteomic, 2022
- 23- National Workshop on International Radiology Day, 22/ 11/ 2022.
- 24- International Workshop on The Reality of Academic Disciplines in Information Technology, 1/11/2022.
- 25- Upgrading Skills in Data Analysis for Life Science (Training Course), Oct. / Nov. / 2022.
- 26- National Pharmacy Workshop on Particulate Drug Delivery System: Advancement and Opportunities as Potential Drug Carriers, 16/ 12/ 2021.
- 27- International Conference on Clinical Research & Medical Science, 18-20 / 09/ 2019.

## PUBLICATIONS

- 1- Amin, H. I. M., Hamadamin, A. H., **Issa, K. D.**, Shareef, S. H., Abdullah, V. S., Othman, H. O., ... & Zengin, G. (2025). Synthesis of copper oxide nanoparticles from Ixiolirion tataricum: Assessment of their antimicrobial, antioxidant, and enzyme inhibitory activity. *Inorganic Chemistry Communications*, 116024.
- 2- **Issa, K. D.**, Abdul, D. A., Mamand, S. O., Ahmad, N. O., Salih, A. M., & Hassan, S. A. (2025). Exploring the Anticancer, Antibacterial Potency, and Molecular Docking of Synthesized Azo-Ether and Azo-Sulfone Compounds. *ChemistrySelect*, 10(35), e02350.
- 3- Hussein, M. I., Jafir, A. O., Shukri, S. H., Hassan, A. C., & **Issa, K. D.** (2025). Investigating the sun: cross sections, S-factor, and thermonuclear reaction rates of ( $p, \gamma$ ) and ( $p, \alpha$ ) reactions, with an analysis of sunspots in solar cycle 25: MI Hussein et al. *Indian Journal of Physics*, 99(14), 5673-5684.
- 4- Othman, H. O., **Issa, K. D.**, Ali, D. S., Hassan, R. O., Maghdid, G. K., Asaad, K. K., ... & Smaoui, S. (2025). Innovative Nanomaterials in Precision Oncology: Carbon Quantum Dots Driving Cancer Immunotherapy. *OMICS: A Journal of Integrative Biology*.
- 5- Mamdoh, A. N., **Issa, K. D.**, Jamil, L. A., & Hussain, F. H. (2024). GC-MS Analysis and Antibacterial Assessment of Essential Oil of Anthemis des champs, Achillea santolina, and Mentha longifolia Growing in Iraqi Kurdistan: Antibacterial Assessment of Essential Oil of Three Plants in Kurdistan. *Arabian Journal of Medicinal and Aromatic Plants*, 10(3), 91-110.
- 6- **Issa, K. D.**, Othman, H. O., Amin, H. I. M., Omar, S. E., Jihad, S. S., Rasool, D. D., ... & Hussain, F. H. (2025). Sustainable Antimicrobial and Anticancer Agents: Eco-Friendly Synthesis of Copper Nanoparticles Using Biebersteinia multifida DC. *Chemistry & Biodiversity*, e202402612.
- 7- Ayub, M. A., Amin, H. I. M., Waseem, R., Amin, K. Y. M., Hanif, M. A., Hussain, A., ... & Vidari, G. (2025). Short Path Molecular Distillation of the Essential Oil from Pinus roxburghii Oleoresin Affords Volatile Fractions with Powerful Antioxidant and

- Antimicrobial Activities Comparable with Common Synthetic Agents. *Heliyon*, 11(3), e42282.
- 8- Hussain, F. H., Othman, H. O., & **Issa, K. D.** (2025, February). Synthesis of Green Iron Doped Carbon Dot Nanoparticles for Enhanced Solar Energy Harnessing. In *2025 IEEE 22nd International Multi-Conference on Systems, Signals & Devices (SSD)* (pp. 769-774). IEEE.
  - 9- Othman, H. O., **Issa, K. D.**, Ali, D. S., Hassan, R. O., Anwer, E. T., Mohammed, S. H., ... & Smaoui, S. (2024). Enhancing nanomedicine with doped carbon quantum dots: a comprehensive review. *Journal of Nanoparticle Research*, 26(11), 1-16.
  - 10- Hamasharif, M.S. Rasul Braiem, R. **Dilawer Issa, K.** Erfan Omar, S. & Amin, H.I. (2024). Novel Azidobenzohydrazide Schiff Bases: Unveiling Effective Synthesis Strategy and Antimicrobial Efficacy Evaluation. *ChemistrySelect*, 9, e202400413.
  - 11- Hussain, F. H., Majedi, S., Faraj, T. A., Ozdemir, M., Ahamad, J., Karim, T. H., ... & Mustafa, M. Q. (2024). Documentation of Ethnomedicinal Uses of Wild Plants Growing in Kodo Mountain by Kurdish Tribe of Iraq. *Journal of the Chemical Society of Pakistan*, 46(2).
  - 12- **Issa, K. D.**, Muhsin, M. D., & Region-Iraq, K. (2023). Beta-Lactam Drug Resistance Pattern in *Staphylococcus aureus* Isolates: A Review. *Eurasian Journal of Science and Engineering*, 9(3), 141-153.
  - 13- **Issa, K. D.**, & Braiem, R. R. (2024). An Alternative Green Method for Synthesis of 3-Amino-5-Methylisoxazole Schiff Bases and Their Bioactivity Evaluation. *Polycyclic Aromatic Compounds*, 1-11.
  - 14- Amin, H. I. M., Abdoulrahman, K., Sadraddin, A. S., Smail, H. A., Jawhar, Z. H., Dilawer Issa, K., ... & Vidari, G. (2023). Chemical Composition and In Vitro Evaluation of Antioxidant and Antiproliferative Effects of Volatile Oils Hydrodistilled from *Onobrychis carduchorum* CC Towns., a Kurdish Traditional Plant. *Plants*, 12(16), 3013.
  - 15- Al-Ouqaili, M. T., Saleh, R. O., Amin, H. I. M., Jawhar, Z. H., Akbarizadeh, M. R., Naderifar, M., ... & Akhavan-Sigari, R. (2023). Synthesize of pluronic-based nanovesicular formulation loaded with *Pistacia atlantica* extract for improved antimicrobial efficiency. *Arabian Journal of Chemistry*, 16(6), 104704.
  - 16- **Dilawer Issa, K.**, & Rasul Braiem, R. (2022). Green and highly efficient synthetic approach for the synthesis of 4-aminoantipyrine Schiff bases. *Chemical Review and Letters*, 6(1), 2-6.
  - 17- Zocchi, D. M., Bondioli, C., Hamzeh Hosseini, S., Miara, M. D., Musarella, C. M., Mohammadi, D., ... & Pieroni, A. (2022). Food Security beyond Cereals: A Cross-Geographical Comparative Study on Acorn Bread Heritage in the Mediterranean and the Middle East. *Foods*, 11(23), 3898.