

C.V. of **Dr./ Mohamed Abd El-Latif Zein**

Firstly: Personal Information

Name: Dr./ Mohamed Abd El-Latif Zein Abd Rabou

Date of Birth: 05/03/1973

Nationality: Egyptian

Current Position:



Head of Chemistry department and Associate Professor of Organic chemistry
in Tabuk University, Saudi Arabia.

Additionally, Faculty member in chemistry department, the faculty of science,
Damanhour University-Egypt

Highest scientific degree: Ph.D. (Chemistry)

Academic Field: Chemistry

Specialization: Organic Chemistry

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<https://portal-old.ut.edu.sa/en/web/u58368>

<https://www.ut.edu.sa/ar/Staff/Pages/default.aspx?EmpNum=5EzZFXIRFVeAnSn06Jp0Rw%3d%3d>



<http://damanhour.edu.eg/En/staff/pages/page.aspx?Staffid=232>



<https://www.facebook.com/profile.php?id=100010510518181>



<https://twitter.com/mOtvhHEBhISOgNM?s=08>



https://www.instagram.com/dr.mohamed_abdellatif



<https://www.linkedin.com/in/drmohamedabdellatifzein>

Secondly: scientific degrees

- **The degree of Associate Professor of Organic Chemistry**, University of Tabuk, Saudi Arabia, on **26/4/2021**
- **Ph.D. degree (Organic Chemistry)** from faculty of science in Ismailia, Suez Canal University, Egypt, in **2008** , entitled: "*Synthesis And Investigation Mass Spectra of Some New Heterocyclic Compounds With expected Biological Activity*"
- **Master's degree (organic chemistry)** from faculty of science in Ismailia, Suez Canal University, Egypt, in **2004** , entitled: "*Synthesis And Study By Using Computer Aided Molecular Modeling for Some new Heterocyclic Compounds of Biological Activity*"
- Completing **the pre-Master study** obtaining general grade "*Excellent*" (94%) from faculty of science in Ismailia, Suez Canal University, Egypt, in **1997**
- **Bachelor's degree in science (chemistry)** obtaining general grade (*Very Good*) from faculty of science in Ismailia, Suez Canal University, Egypt in **1995**
- Finishing **High school** in Alexandria, Egypt, in **1991**

Languages

- Arabic: Native Language
- Attending **an advanced level English language course** from the British Center Online on **20/11/2018** (for a period of 3 months with 45 training hours)
- Attending **an intermediate level English language course** from the British Center Online on **15/7/2018** (for a period of 3 months with 45 training hours)
- Obtaining **the TOEFL test in English** from AMIDEAST, Cairo – Egypt, in **2004**
- Attending **a full course in the study of the German language at the advanced level** at the German Goethe Institute in Alexandria (for a period of 11 months with 400 training hours in nine levels) and obtaining a **(ZD)** certificate and a **(GrundStufe)** certificate in the German language on **25/11/2006**

Thirdly: Honors and Awards

- Certificate of Excellence in Job Performance from the University of Tabuk, Saudi Arabia, for the academic year 2018/2019
- Certificate of Excellence in Job Performance from the University College in Al Wajh, University of Tabuk, Saudi Arabia, for the academic year 2018/2019
- Certificate of thanks from the Deanship of E-Learning and Distance Education in the University of Tabuk, Saudi Arabia, for appreciation of the effort and effective role in managing learning in the blackboard system for the academic year 2020/2021
- Honoring from the General Syndicate of Scientists and the Subsidiary Syndicate of Scientists in Alexandria , Egypt, due to academic excellence obtaining a bachelor's degree in 1995 then obtaining a master's degree in 2004 and obtaining Ph. D. in 2008

Fourthly: University jobs and tasks

- **Head of the Department of Chemistry**, University College, Al-Wajh, University of Tabuk, Saudi Arabia, from **27/4/2021 till now**
- **Associate Professor of Organic Chemistry**, Department of Chemistry, University College, Al-Wajh, University of Tabuk, Saudi Arabia, from **26/4/2021 till now**
- **Assistant Professor of Organic chemistry** in Tabuk university –Saudi Arabia- from **13/10/2016 to 25/4/2021**
- **Lecturer of organic chemistry** in the faculty of science, Damanhour University from **23/9/2008 till now** (Currently in an external mandate)
- **Assistant Lecturer of organic chemistry** in the faculty of science, Alexandria University, branch of Damanhour from **26/9/2007 to 22/9/2008**
- **Assistant Lecturer of organic chemistry** in the faculty of science, in Ismailia, Suez Canal University from **25/8/2004 to 25/9/2007**
- **Demonstrator** in chemistry department, faculty of science in Ismailia, Suez Canal University from **25/1/1998 to 24/8/2004**
- **Research student** in Chemistry Department, Faculty of Science in Ismailia, Suez Canal University, from **9/12/1996 to 24/1/1998**
- **Demonstrator** in Chemistry Department, faculty of Air Defense in Alexandria, Egypt from **9/10/1995 to 25/11/1996**
- **Supervisor of the Strategic Plan Unit** in the University College of Al-Wajh, University of Tabuk, Saudi Arabia, from **25/12/2018 till now**
- **Supervisor of the University Measurement and Evaluation Unit** in the University College of Wajh, University of Tabuk, Saudi Arabia, from **2/8/2018 to 4/12/2019**
- **Member** of the Chemistry Department Board and **Supervisor** of the Organic Chemistry Section in the University College of Al-Wajh, University of Tabuk, Saudi Arabia, from **2016 till now**
- **Manager** of the project of establishing and activating *E- portal* in Alexandria University Damanhour branch (Damanhour University now) from **2009 to 2016**
- **Professional trainer** in faculty and leadership developing center from **July 2011 till now**
- **Director of the Central Control Unit** - Faculty of Science - Damanhour University from **2011 until 2016**
- **Coordinator** of the Chemistry Department and **an associate member of the Development and Quality Unit** in the Faculty of Science, Damanhour University - Egypt and the University College of Al-Wajh, University of Tabuk - Saudi Arabia
- **Training supervisor** for the students of the Faculty of Science, Damanhour University - Egypt, and the students of the University College of Wajh, University of Tabuk - Saudi Arabia

***Fifthly:* Teaching Activities**

A) For graduate students:

- Teaching **the advanced organic chemistry course for master's students** in the Faculty of Science - Damanhour University.

B) For undergraduate students:

1- For students of the Faculty of Science - Damanhour University:

- Teaching the **General Chemistry** course for students of the first-year
- Teaching the **Fundamentals of Organic Chemistry (1)** course for the first-year students
- Teaching the **Fundamentals of Organic Chemistry (2)** course for the second-year students
- Teaching the **Chemistry of Aromatic and Polynuclear Compounds** course for the second-year students
- Teaching the **Polymer chemistry** course for the third-year students
- Teaching the **Organic Spectroscopy** course for the third-year students
- Teaching the **Chromatographic Separation Methods** course for the third-year students
- Teaching the **Petroleum and Petrochemical Chemistry** course for the third-year students
- Teaching the **Dyes chemistry** course for the third-year students
- Teaching the **Stereochemistry** course for the third-year students
- Teaching the **Basics of Biochemistry** course for the fourth-year students
- Teaching the course of **Heterocyclic compounds** for the fourth-year students
- Teaching the **Organic Reactions Mechanism** course for the fourth-year students
- Teaching the **Carbohydrate** course for the fourth-year students
- Teaching the **Chromatographic Separation Methods** course for the fourth-year students
- Teaching and supervising **the Graduation Research Project** for the fourth-year students

2- For students of the Faculty of Pharmacy - Damanhour University:

- Teaching the **General Chemistry** course for the pharmacy preparatory students
- Teaching the **Fundamentals of Organic Chemistry (1)** course for the first-year students
- Teaching the **Fundamentals of Organic Chemistry (2)** course for the second-year students

3- For students of the Faculty of Nursing - Damanhour University:

- Teaching the **Basics of Biochemistry** course for the first-year students

4- For students of the Faculty of Education - Damanhour University:

- Teaching the **General Chemistry** course for the first-year students
- Teaching the **Fundamentals of Organic Chemistry** course for the first-year students
- Teaching the **Chemistry of Aromatic and Polynuclear Compounds** course for the second-year students
- Teaching the **Organic Spectroscopy** for the third-year students
- Teaching the **Basics of Biochemistry** course for the third-year students
- Teaching the **Dyes chemistry** course for the third-year students
- Teaching the **Organic Reactions Mechanism** course for the fourth-year students

5- For students of Tabuk University - University College in Al Wajh:

- Teaching the **Fundamentals of Organic Chemistry (1)** CHEM231 (4 credit hours)
- Teaching the **Heterocyclic compounds** CHEM331 (2 Credit Hours)
- Teaching the **Kinetic Chemistry** CHEM346 (2 credit hours)
- Teaching the **Organic Reactions Mechanism** CHEM431 (2 credit hours)
- Teaching the **Organic Spectroscopy** CHEM433 (3 Credit Hours)
- Teaching the **Analysis of Industrial Products** Course CHEM415 (2 credit hours)
- Teaching the **Volumetric and Gravimetric Analysis** Course CHEM211 (1 credit hour)
- Teaching the **Corrosion of Metals and Corrosion Control** Course CHEM441 (2 credits)
- Teaching and supervising the **Graduation Research Project** CHEM490 (2 credits)
- Teaching the **General Chemistry** CHEM101 (3 Credit Hours)
- Teaching the **Fundamentals of Organic Chemistry (2)** CHEM232 (4 credit hours)
- Teaching the **Petroleum and Petrochemical Chemistry** CHEM437 (2 credit hours)
- Teaching the **Chemistry of Nucleic Acids** CHEM434 (2 credit hours)
- Teaching the **Technology of Anti-Corrosion Coatings** Course CHEM445 (2 credit hours)
- Teaching the **Chromatographic Separation Methods** Course CHEM314 (3 credit hours)
- Teaching the **Polymer Chemistry** CHEM436 (2 credit hours)
- Teaching and Supervising **the Training** Course CHEM390 (2 credits)

Sixthly: University activities

1- Curriculum development:

- **Member** of the Chemistry Department Committee to amend the Student regulations and develop academic courses according to the regulation of approved hours for undergraduate students - Department of Chemistry, Faculty of Science - Alexandria University, Damanhour Branch (Damanhour University now) for the academic year 2008/2009

2- Participation in construction works:

- **Supervising** the establishment and equipping of laboratories for the Department of Chemistry, Male Section of the University College in Al-Wajh, University of Tabuk, Saudi Arabia 2018/2019
- **Supervising** the renewal and development of the central laboratories for basic sciences in the Faculty of Science, Damanhour University - Egypt
- **Team manager** for establishing and activating **the E-portal** of Damanhour University - Egypt - from 2009 until 2016
- **Participation** in establishing and equipping the water and environment technology laboratory in the Faculty of Science, Damanhour University- Egypt - 2011/2012

3- Membership in scientific societies:

- Associate member of **the Development and International Cooperation Committee** in Alexandria University, Damanhour Branch (Damanhour University now) - Egypt - from 2011 until 2015
- Member of **the Egyptian Scientific Society**(No.59/2448/2013)in Alexandria-Egypt
- Member of **the Development Projects Management Unit** in Damanhour University- Egypt - from 1/8/2009 until 2016
- Member of **the Scientific Professions Syndicate**(No.44888-23787/C-1995)-Egypt
- Member of **the Scientific Committee of the Syndicate of Scientific Professions** in Alexandria- Egypt - from 2000 until 2016
- Member of **the Faculty Members Club** in Alexandria University- Egypt
- Member of **the Lagoon Club** in Alexandria- Egypt

4- Membership in student committees and activities:

- **Academic advisor** for the students of the University College in Al Wajh, Tabuk University - Saudi Arabia - from 2016 until now
- **Academic advisor** for the students of the Faculty of Science from 2008 to 2016
- **Advisor to the Cultural Committee** for the Students of the Faculty of Science from 2011 to 2013

- **Adviser to the Families Committee** for the Students of the Faculty of Science in the academic year 2010/2011
- **Advisor to the Sports Committee** for the Students of the Faculty of Science in the academic year 2010/2009
- **Adviser to the Scientific and Technological Committee** for the Students of the Faculty of Science in the academic year 2008/2009
- **Member of the Education and Student Affairs Committee** in the Faculty of Science from 2011 to 2016
- **Member of the Cultural Relations Committee** in the Faculty of Science from 2009 to 2011

5- Supervising scientific trips and training students:

- Supervising **the training** of specialization students of the Department of Chemistry in **Al Wajh Governorate Hospital, the water desalination plant, and the Electricity Generating Company** in Al Wajh Governorate
- Supervising a **scientific trip** for students of the Department of Chemistry, Faculty of Science, to **the Nile Company for Pharmaceutical Industry** in Cairo
- Supervising a **scientific trip** for students of the Chemistry Department, Faculty of Science, to **Pharco Pharmaceuticals Company** in Alexandria
- Supervising **scientific trips and field training** for students of the third year, Faculty of Science to **drinking water purification companies and the Egyptian Oil and Soap Company**
- Supervising a **scientific trip** for students of the Chemistry Department, Faculty of Science, to **the Egyptian Petrochemical Company** in Alexandria.
- Supervising a **scientific trip** for students of the Department of Chemistry, Faculty of Science, to **Alexandria Petroleum Refining Company**.

6- Voluntary work with the community:

- Participation in **the International Day of Persons with Disabilities** in Al Wajh Governorate - Saudi Arabia on 4/12/2018
- Supervising a community trip for students of the Faculty of Science to **the orphanage and the elderly** in Damanhour - Egypt on 10 July 2011
- Supervising a community activity for students of the Faculty of Science by organizing a **medical caravan** in the village of Al-Masada, one of the villages of Beheira Governorate – Egypt on 3/20/2012

Seventh: scientific and research activities

1- Training sessions and experiences

[A] Attending training courses

- Minecraft Education Edition Certificate: To successfully complete an **HOURL OF CODE 2020** - and to demonstrate creativity and problem-solving skills – Microsoft - on 1/4/2021
- Workshop: **IMPLEMENTING an Aligned Assessment, Standards, Record-Keeping, and Credit System that Supports Tabuk's Empowering Goals (Part 3)** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 30/3/2021
- Workshop: **DEFINING Learning Outcomes that Engage Students, Foster Professionalism, and Enhance Lives (Part 2)** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 23/3/2021
- Course: **Fundamentals of scientific publishing and how to increase the chances of your research paper being accepted in academic journals** from the Saudi Digital Library on 22/3/2021
- Workshop: **DEFINING Learning Outcomes that Engage Students, Foster Professionalism, and Enhance Lives (Part 1)** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 16/3/2021
- Workshop: **Applying the Power of Transformational Outcome-Based Education to learning outcomes (Part1)** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 16/3/2021
- Workshop: **Teaching objectives in academic courses** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 15/3/2021
- Workshop: **Motivation mechanisms for outstanding students, methods and solutions to reduce students' faltering**, from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 14/3/2021
- Workshop: **Prospective leadership skills for academic programs** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 7/3/2021
- Workshop: **Academic Leadership "Opportunities and Challenges"** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 2/3/2021
- A course: **Information security awareness in the academic community** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 23/2/2021

- Workshop: **Quality Assurance Management for the Academic Program** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 21/2/2021
- Workshop: **Fundamentals in exam analysis and interpreting the results** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 16/2/2021
- Workshop: **Strategies of Transferring Ideas to Patents** from the Entrepreneurship Unit - University of Tabuk, Saudi Arabia, on 15/2/2021
- Workshop: **Selection of statistical processes and analysis software in scientific research processes** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 14/2/2021
- Workshop: **Directing scientific dissertations and research projects in order to solve the local community problems** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 9/2/2021
- Workshop: **Measuring learning outcomes for the academic program and course (Part 2)** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 7/2/2021
- Workshop: **Analysis and diagnosis of problems and decision-making** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 2/2/2021
- Workshop: **Measuring learning outcomes for the academic programme and course (Part 1)** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 31/1/2021
- Workshop: **Active leadership elements** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 3/11/2020
- Workshop: **Evaluating the teaching performance of faculty members and its impact on the quality of education** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 28/10/2020
- Course: **working skills within a teamwork** from the University College of Tayma - University of Tabuk, Saudi Arabia, on 27/10/2020
- **Proficiency Certificate: to attend the System Fundamentals course** from the Deanship of E-Learning and Distance Education - University of Tabuk, Saudi Arabia, on 10/2020
- **Proficiency Certificate: to attend a course of preparing and building electronic exams** from the Deanship of E-Learning and Distance Education - University of Tabuk, Saudi Arabia, on 10/2020
- **Proficiency certificate: to attend a course on the mechanism of dealing with virtual classes** from the Deanship of E-Learning and Distance Education - University of Tabuk, Saudi Arabia, on 10/2020
- Course: **Brain-Based Learning** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 1/9/2020

- Workshop: **Utilizing Courses and Annual Reports for Developing Academic Programs** from the Deanship of Development and Quality - University of Tabuk, Saudi Arabia, on 16/2/2020
- Workshop: **the general framework for institutional science outputs and general preparation requirements** in the University of Tabuk from the University Agency for Academic Affairs, Saudi Arabia, on 12/10/2019
- Certificate (**Shams Member**): Passing the first level of the Knowledge Without Borders license "Rabeh" - the future teacher's steps in educational resources from the National Center for E-Learning - Saudi Arabia on 7/1/2019
- A group of workshops on **the strategic planning** from the University of Tabuk, the first on 3/12/ 2017, the second on 22/11/ 2018, and the third on 18/2/ 2019
- Course: **Effective Presentation Skills** from the Center for Capacity Development of Faculty Members and Leaders in Damanhour University, Egypt, on 26-27 / 12/2018
- Course: **Quality Standards in the Teaching Process (Effective Teaching)** from the Center for Capacity Development of Faculty Members and Leaders in Damanhour University, Egypt, on 24-25/12/2018
- Course: **Scientific Research Methods** from the Center for Capacity Development of Faculty Members and Leaders in Damanhour University, Egypt, on 18-19/12/2018
- Course: **Designing and Building Electronic Learning Objects (Strategies and Tools)** from King Abdulaziz University within the joint training in the field of electronic education among Saudi universities on 10/11/2018
- Workshop: **Inferential Statistics using SPSS - advanced level - (applications for real data)** from the University Measurement and Evaluation Unit - University of Tabuk, Saudi Arabia, on 8-10/4/2018
- Workshop: **Introducing the terminology and tools of measurement and university evaluation** from the University Measurement and Evaluation Unit - University College of Wajh - University of Tabuk, Saudi Arabia, on 13/3/2018
- Workshop: **The impact of an established belief on the performance of a faculty member** from the University Measurement and Evaluation Unit - University College of Wajh - University of Tabuk, Saudi Arabia, on 6/2/2018
- Workshop: **Securing academic standards through effective reporting and Actions** from the University of Tabuk in cooperation with the British Council on 26-27/4/2017
- Workshop: **Educational schools in the university classroom** from the University Measurement and Evaluation Unit - University College of Wajh - University of Tabuk, Saudi Arabia, on 16/4/2017
- Workshop: **Preparation of specification table for flawless testing** from the University Measurement and Evaluation Unit - University College in Al Wajh - University of Tabuk, Saudi Arabia, on 12/18/2016

- Workshop: **Measuring learning outcomes through tests** from the University Measurement and Evaluation Unit - University College of Wajh - University of Tabuk, Saudi Arabia, on 13/12/2016
- Workshop: **Reform, Administrative Development and Anti-Corruption** from the Center for Capacity Development of Faculty Members and Leaders in Damanhour University, Egypt, on 10/3/2016
- A course on **water treatment**, which was organized by the Department of Chemistry, Faculty of Science, with the General Syndicate of Scientific Professions, Egypt, on 11/5/2013
- Course: **Preparing competitive research projects and identifying the supporting bodies** from the Center for Capacity Development of Faculty Members and Leaders in Suez Canal University, Egypt, on 19-20/11/2013
- Course: **Medical Analysis and Laboratory Applications** from Basics to Advanced from the Syndicate of Scientific Professions - Egypt on 28-29 / 6/2013
- Course: **Training of trainers on managing the research team** from the National Center for Capacity Development of Faculty Members and Leaders NCFLD & IBCT, Egypt, on 8-10 / 6/2013
- **Professional Trainer Certificate** from the National Center for Faculty Development and Leadership NCFLD & IBCT, Egypt, on 18/2/2012
- Training course and workshops to prepare professional trainers (**TOT2**) , advanced level, from the National Center for Capacity Development of Faculty Members and Leaders NCFLD & IBCT, Egypt, on 18/2/2012
- Training course and workshops for preparing professional trainers (**TOT1**) from the National Center for Academic Staff Development and Leadership NCFLD & IBCT on, Egypt, 6/7/2011
- Attending a symposium on manufacturing nanomaterials and their applications at the Hall of Societies in Damanhour University for Prof. Dr. Hussein Makarem - Director responsible for establishing the Center of Excellence for the Manufacturing of Nanomaterials and their Applications KACST -Intel - on 20/11/ 2011 with the title: "**Collaboration Opportunity with KACST-Intel Center of Excellence in Nano-manufacturing Applications (CENA)**"
- Two workshops: **The First International Water Forum** organized by the Committee for Development and International Cooperation, Alexandria University, Damanhour Branch, the first on 25/5/2010 and the second on 14/7/2010
- Attending a workshop on **the use of academic standards in quality and accreditation (NARS - (Implementation of National Academic Reference Standards)**, which was given by Prof. Nadia Badrawi - Professor in Cairo University - in the Hall of the Faculty of Science, Damanhour University - Egypt on 31/10/ 2009
- Attending a workshop on **the use of the digital library and online search tools for the university and the service of electronic research and scientific theses** organized by Alexandria University in the conference hall of the Faculty of Nursing in Smouha, Egypt, on 22/10/2009

- Course: **Educational Professional Preparation for University Teacher** from the Center for Capacity Development of Faculty Members and Leaders at Suez Canal University, Egypt from 25/12/2005 to 1/5/2006
- Course: **Scientific Research Methods** from the Center for Capacity Development of Faculty Members and Leaders at Suez Canal University, Egypt, on 25-28/9/2005
- Attending a number of training courses from the Faculty and Leadership Development Center at Alexandria University (FLDP):
 - Ethics and ethics of the profession
 - Management skills
 - Micro-teaching
 - Effective presentation skills
 - Time management and work stress
 - Decision-making and problem-solving
 - Modern trends in teaching
 - The use of technology in teaching
 - Managing people and work teams
 - Credit hours
 - Effective crisis management
 - Thinking skills
 - International publishing and research projects
 - Organizing scientific conferences
 - University Administration and Strategic Planning

[B] Performing training

- **Supervisor for training** college students of the Tabuk University in the General Hospital of Al-Wajh Governorate, the desalination plant and the Electricity Company from 2017 to 2021
- Presenting a workshop: **Careers and jobs for college graduates and their role in community development**, organized by the University College of Wajh - University of Tabuk, Saudi Arabia on 4/3/2021
- Presenting a workshop: **Students academic problems and faltering with solution ways by activating academic advising to refine students skills and support the educational process** organized by University College of Wajh - University of Tabuk, Saudi Arabia on 28/2/2021
- Presenting a workshop: **Skills of Personal Branding and Self Marketing** organized by the University College of Face - University of Tabuk, Saudi Arabia on 3/3/2020
- Presenting a workshop: **Presentation Skills, Effective Presentation, and Body Language** - within a set of courses for academic and professional development for faculty members and leaders of the University College of Al-Wajh, University of Tabuk, Saudi Arabia on 15/12/ 2019

- Presenting a course: **The chemist and directing the compass towards achieving goals and community development** organized by the University College of Wajh - University of Tabuk on 20/11/ 2019
- Presenting a course: **Diction skills, Effective Presentation and Body Language for Border Guard officers** at the Officers Training Center in Al Wajh Governorate, Saudi Arabia on 1/10/2019
- Presenting a workshop: **Explaining the vision, mission, values and goals of the strategic plan** of the University College of Wajh (2018-2022) to students and employees of the college - University of Tabuk, Saudi Arabia on 17/3/2019
- Supervising supportive education (**Assistant Student**), Department of Chemistry, University College of Wajh - University of Tabuk, Saudi Arabia on 10-17/3/2019
- Presenting a workshop: **Preparing balanced tests and evaluating students** organized by the University College of Wajh - University of Tabuk, Saudi Arabia on 5/3/2019
- Presenting a workshop and an analytical study on **“the reasons for students' faltering and Methods of Treatment”** organized by the University Measurement and Evaluation Unit in the University College of Wajh- University of Tabuk, Saudi Arabia on 25/11/2018
- Presenting a workshop: **The Proper nutrition and the harmful effects of fast foods**, organized by the University College of Wajh - University of Tabuk, Saudi Arabia on 14/10/2018
- Presenting a course: **Diction skills, Effective Presentation, Body Language and Influencing the Audience** for Border Guard officers at the Officers Training Center in Al Wajh Governorate, Saudi Arabia on 26/3/2018
- Presenting a workshop: **Awaken your abilities and create your future** organized by the University College of Wajh - University of Tabuk, Saudi Arabia on 14/3/2018
- **Certificate of experience** for teaching theoretical and practical chemistry courses for students of the Military Air Defense College - Alexandria - Egypt from 9/10/1995 to 25/11/1996
- Presenting some training courses and workshops as a certified professional trainer in the Faculty and Leadership Development Center, Damanhour University - Egypt, including:
 - **Academic Research Etiquette and Ethics Program.**
 - **Scientific Research Methods Program**
 - **Managing a research team Program**
 - **A research project preparation program**
 - **Credit Hours Program**
 - **An effective learning program**
 - **Effective presentation program**
 - **Effective communication and dialogue skills program**
 - **Program for preparing and writing scientific research and publishing it internationally**

- Presenting some training courses to qualify graduates from the Faculty of Science to keep pace with the labor market organized by the Association of Scientific Professions in Alexandria, including:
 - The chemical analysis program to prove artificially synthesized compounds
 - The chromatographic analysis program used in industry
 - Medical analysis program
 - Program for water desalination, drinking water purification and Wastewater Treatment.
 - Programs for preparing and implementing small projects
 - Human Development and Teamwork Management Program
 - Program for the manufacture of petroleum and its derivatives
 - A number of educational lectures for graduates in the field of industry and professional excellence
- Presenting some training courses for students of the Faculty of Science such as:
 - A course for the scientific research methods and the skills of writing graduate research on 25/10/2011
 - A Effective presentation course on 13/11/2011
 - A academic excellence course on 28/12/2011

[C] Computer Skills

- **Operating System:** MS-DOS, windows2010
- **Programs:** Chemdraw, Chemoffice, Microsoft Office (Ms Word, Ms Excel, Ms Power Point, Photoshop), Harvard Graphics, Internet Programs.
- Obtained the International Computer Driving License, **ICDL**, 2007
- Statistical package of social sciences, **SPSS**
- **E- Learning:** Blackboard , Zoom and Moodle platforms
- **Social Media:** Facebook, Twitter, Snapchat, Instagram....etc.

2- Supervising scientific theses

Supervising 7 scientific theses, one of them is Ph.D. and 6 are Master's theses, whose data are:

1. Supervising **the Ph.D. thesis** of the student/ **Reda Muhammad Abu Al-Zain Kishk** - Assistant Lecturer in Chemistry Department, Faculty of Science, Damanhour University - Date of registration 2012 and awarding the degree in 2016- the thesis is entitled: ***"Synthesis and biological evaluation of new pyridine and pyrimidine derivatives"***
2. Supervising **the Master's thesis** for the student/ **Muhammad Al-Haj Mustafa Mustafa Ahmed** – A demonstrator in Chemistry Department, Faculty of Science, Damanhour University - Date of registration 12/1/2013 and awarding the degree in 2016 - the thesis is entitled: ***"Synthesis and study the biological activity for some derivatives of pyrazoloquinoxaline from carbohydrates"***
3. Supervising **the Master's thesis** for the student/ **Muhammad Ramadan Abdel Sattar Ahmed** – A demonstrator in Chemistry Department, Faculty of Science, Damanhour University - Date of registration 14/7/2012 and awarding the degree in 2016 - the thesis is entitled: ***"Combination of pioglitazone and Sonchus oleraceus extract for treatment of thioacetamide induced liver fibrosis in rats"***
4. Supervising **the Master's thesis** for the student/ **Nihad Ali Suleiman Al-Maghribi** – A demonstrator in the National Institute of Oceanography and Fisheries, Alexandria - Egypt - Date of registration 11/5/2014 and awarding the degree on 18/4/2017 - the thesis is entitled: ***"Synthesis of Carbon Black From Marine Algae And Organic Waste"***
5. Supervising **the Master's thesis** for the student/ **Muhammad Ali Khalifa** – A demonstrator in Chemistry Department, Faculty of Science, Damanhour University - Date of registration 2013 and awarding the degree on 12/11/2017 - the thesis is entitled: ***"Synthesis of condensate 1,2,4-Triazino Heterocyclic compounds with potential biological activity"***
6. Supervising **the Master's thesis** for the student/ **Abeer Ali Farhat** – A demonstrator in Chemistry Department, Faculty of Science, Damanhour University - Date of registration 11/5/2014 and awarding the degree in 2018 - the thesis is entitled: ***"Studies in Heterocyclic Synthesis and their Biological Applications"***
7. Supervising **the Master's thesis** for the student/ **Asma Muhammad Salama** – A demonstrator in Chemistry Department, Faculty of Science, Damanhour University - Date of registration 11/5/2014 and awarding the degree in 2018

3- Conferences and seminars

- Participation in **the first international scientific conference held in Tirana - Albania** on 12-14/12/2013 by Presenting a paper entitled: *“Aminolysis of Z-4-furylidene oxazolin-5-one derivatives Configuration and Kinetics”*
- Attending the first scientific conference entitled **"Medical Analysis and Laboratory Applications from Fundamentals to Advanced"** which organized by the General Syndicate of Scientific Professions in the General Conference Hall – Damanhour, Egypt on 28-29/6/2013
- Participation in **the 11th International Conference on Chemistry and Its Role in Development**, which was held in Sharm El Sheikh and Mansoura University on 10-15/3/2013 and Presenting a paper entitled: *“Antimicrobial activity and mass spectra investigation of prepared nitrogen Heterocycles”*
- Participation in **the International Conference on Modern Training and Education Strategies** which was held in the Conference Center at Cairo University, organized by Cairo University, the Canadian Academy for Training and the Egyptian European Center for International Arbitration and Consultation on 1-2/12/2012
- Attending a seminar on **the manufacture of nanomaterials and their applications**, in Damanhour University, for Professor Dr. Hussein Makarem - Director responsible for establishing the Center of Excellence for the manufacture of nanomaterials and their applications KACST -Intel - on 20/11/ 2011 with the title: *“Collaboration Opportunity with KACST-Intel Center of Excellence in Nano-manufacturing Applications (CENA)”*
- Participation in **the first and second forum for scientists in Alexandria and the inauguration of the beach club**, which was held in the Mirage San Giovanni hall in Downtown Alexandria - Egypt - the first on 10/10/2011 and the second on 22/2/2013
- Attending a seminar on **preserving the environment and the Nile water**, given by Prof. Dr. Mona Gamal El-Din - Environment Ministry Agency in Alexandria Governorate, which was held at the Bibliotheca Alexandrina on 5/8/2010
- Participation in **the First International Water Conference** organized by the Committee for Development and International Cooperation at Alexandria University(Damanhour Branch) Egypt on 24-25/5/2010
- Participation in **the 10th International Conference on Chemistry and Its Role in Development**, which was held at the Royal Palace Hotel in Sharm El-Sheikh and Mansoura University on 16-21/3/2009, and Presenting a paper entitled: *“Synthesis, Mass Spectra and Antimicrobial Activity of Some Nitrogen Heterocycles”*
- Presenting a paper as a commentator and publish it in the booklet of **the 10th International Conference on Chemistry and Its Role in Development**, which was held in Mansoura University on 16/3/2009 by the title: *“Synthesis and Antimicrobial Evaluation of 6-Chloroquinolinyldiazines and Acyclonucleosides of 7-Chloro-1,2,4-triazolo[4,3-a]quinolones”*

List of research publications

1. **Synthesis of Functionalized 7-chloro1,2,4-Triazolo[4,3-a]quinoline,**
Journal of Heterocyclic Communications, Vol. 13, No. 1, (2007)
J.A. Hassanin, E.S.I. Ibrahim, M.A. Zein, M.R. Aouad, and E.S.H. El Ashry
2. **Synthesis and Antimicrobial Evaluation of 6-chloroquinolinyl hydrazones and Acyclonucleosides of 7-chloro1,2,4-Triazolo[4,3-a]quinolines,**
J. Chem. Soc.Pak., Vol. 30, No. 2, 276 (2008)
Jehan Abd El Razek Hasanen, El Sayed Ismail Ibrahim, Mohamed AbdEl-Latif Zein, Nadjat Rezki and El Sayed Helmy El-Ashry
3. **Synthesis, Mass Spectra and Antimicrobial Activity of Some Nitrogen Heterocycles,**
Mens Agitat, Canada, Volume III, Número 1, p. 59-72 (2008)
H.K.Ibrahim, J.A.Hasanen, M.A.Zein and I.M.El-Deen
4. **Preparations, Microbiology and Mass Spectra Fragmentations of Trisubstituted Imidazolidinones,**
Mens Agitat, Canada, Volume III, Número 1, p. 73-84 (2008)
J.A.Hasanen, H.K.Ibrahim, M.A.Zein and I.M.El-Deen
5. **Synthesis, characterization and biological activity of Some new pyrazino[2,1-b]quinazolinone derivatives,**
Der Pharma Chemica, 4(6), 2161-2168 (2012)
M. A. Zein and H. A. Abubshait
6. **Synthesis, Investigation of Mass Spectra and Antimicrobial Activity of 2,3-dihydro-1Hpyrazino[2,1-b]quinazoline-4,6-dione and its Derivatives,**
Journal of American Science, 8(10), 213-220 (2012)
Mohamed.A.Zein
7. **Antimicrobial activity and Mass Spectra Investigation of prepared Nitrogen Heterocycles,**
World Research Journal of Antimicrobial Agents, Vol. 1, Issue 1. Pp. 11-16 (2012)
M. A. Zein and E.H. Elsayed

8. **Antimicrobial Evaluation of some prepared fused quinazolinone Derivatives,**
Paripex-Indian Journal of Research, Vol. 2, Issue 4, pp. 24-28, (2013)
M. A. Zein

9. **Synthesis and Antimicrobial activity of Some Heterocyclic compounds which containing sulfur atoms,**
World Research Journal of Organic Chemistry, Vol. 2, Issue 1 (2013)
Mohamed Abd El-Latif Zein

10. **Spectroscopic, Structural and Electrical Conductivity Studies of Co(II), Ni(II) and Cu(II) Complexes derived from 4-Acetylpyridine with Thiosemicarbazide,**
Int. J. Electrochem. Sci., 8, 9894 – 9917 (2013)
Moamen S. Refat, Ibrahim M. El-Deen, Mohamed A. Zein, Abdel Majid A. Adam, Mohamed I. Kobeasy

11. **Synthesis and Antimicrobial Activity of some Trisubstituted Thioxoimidazolidinones,**
Paripex-Indian Journal of Applied Research, Vol. 4, Issue 1, pp. 492-495, (2014)
Mohamed Abd El-Latif Zein and Elsayed M. Abd El-Rahim

12. **Aminolysis of Z-4-furylidene oxazolin-5-one derivatives Configuration and Kinetics,**
European Scientific Journal, edition vol.10, February (2014)
Mohamed Abd El-Latif Zein and Elsayed M. Abd El-Rahim

13. **Synthesis, Anti-Microbial, and Cytotoxic Activities Evaluation of Some New Pyrido[2,3-d]Pyrimidines,**
J. Heterocyclic Chem., 53, 1534-1543 (2016)
Samir Kamel Elsaedany, Mohamed AbdEllatif Zein, Elsayed Mohmoud AbdelRehim, and Reda Mohammed Keshk

14. **An Efficient Synthesis of 1,2,4-triazine-6-one Derivatives and Their in vitro Anticancer Activity,**
International Journal of Pharmacology, 12 (3): 188-194 (2016)
Mohamed Abd El-Latif Zein and Ahmed Ibrahim El-Shenawy

15. **Synthesis of some novel Pyrido[2,3-d]pyrimidine and pyrido[3,2-e][1,3,4] triazolo and tetrazolo [1,5-c] pyrimidine derivatives as potential antimicrobial and anticancer agents,**
J. Heterocyclic Chem., Volume 55, Issue 2 Pages 419 - 430, February (2018)
Elsayed Mohmoud AbdelRehima and Mohamed Abd El-Latif Zein

16. **Novel ionic liquids incorporated pyridazinone-vanillyl motifs: Synthesis, characterization, pharmacological survey and molecular docking,**
Journal of Molecular liquids, 259, 144-153 (2018)
Reda F.M. Elshaarawy, Mohamed H.A. Soliman, Mohamed A.-E. Zein, Zeinab H. Kheiralla, Douaa A. Abd El bari.
17. **Synthesis of Some New 1,2,4-Triazines Bearing Pyridoyl Moiety as Potential Antimicrobial and Anticancer Agents,**
Asian Journal of Organic & Medicinal Chemistry, 3(4), 181-186 (2018)
Mohamed A. Zein and Ahmed I. El-Shenawy
18. **Polyphosphonium-oligochitosans decorated with nanosilver as new prospective inhibitors for common human enteric viruses,**
Journal of Carbohydrate polymers, 226 (2019) 115261
Ahmed R. Sofy, Ahmed A. Hmed, Naglaa F. Abd El Haliem, Mohamed A.-E. Zein, Reda F.M. Elshaarawy
19. **Synthesis, photophysical behavior and biomolecular reactivity of new triphenylphosphonium-based Pd(II)salpens as new anticancer candidates,**
Journal of Photochemistry & Photobiology A: Chemistry, 385 (2019) 112083
Mohammad Y. Alfaifi, Mohamed A.-E. Zein, Ali A. Shati, Mohammed A. Alshehri, Serag Eldin I. Elbehairi, Hani S. Hafez, Reda F.M. Elshaarawy
20. **Synthesis and Biological Activity Studies of Novel Pyrido[2,3-d]pyrimidines and Pyrido[2,3-d]triazines,**
Russian Journal of Bioorganic Chemistry, Vol. 47, No. 2, pp. 552–560 (2021)
Samir Kamel Elsaedany, Mohamed Abd Ellatif zein, Elsayed Mohmoud Abd ElRehim, and Reda Mohammed Keshk



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