PERSONAL INFORMATION:

Name: Mostafa Abdellah Sayed Ahmed Mohamed

Nationality: Egyptian

Birth Date: 11/1/1986

Address: 134 Teraat El Gendy street – Ameria – Cairo – Egypt

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Google Scholar: https://scholar.google.com/citations?hl=en&user=TgUVcisAAAAJ

Scopus Profile: https://www.scopus.com/authid/detail.uri?authorId=57202491210

ACADEMIC QUALIFICATIONS:

- **Ph.D. Degree (December 2017)** in Chemistry from the Chemistry Department, Faculty of Science, Ain Shams University, entitled **"Synthesis, Characterization and Applications of Some Nanometal Oxides"**.
- **M.Sc. Degree (November 2012)** in Chemistry from the Chemistry Department, Faculty of Science, Ain Shams University, entitled **"Reactions of Some Transition Elements with Some Schiff Bases"**.
- **Premaster Courses (September 2008)** in Inorganic and Analytical Chemistry, Faculty of Science, Ain Shams University.
- **B.Sc. of Chemistry (June 2007)** from the Chemistry Department, Faculty of Science, Ain Shams University, with Grade "Very Good with Honors".

PROFESSIONAL EXPERIENCES:

- **May 2023 – Present:** Associate Professor of Inorganic Chemistry, Department of Chemistry, Faculty of Science, Ain Shams University, Cairo, Egypt.
- **Jan 2018 – Apr 2023:** Assistant Professor of Inorganic Chemistry, Department of Chemistry, Faculty of Science, Ain Shams University, Cairo, Egypt.
- **Jan 2013 – Dec 2017:** Assistant Lecturer of Inorganic and Analytical Chemistry, Department of Chemistry, Faculty of Science, Ain Shams University, Cairo, Egypt.
- **Apr 2008 – Dec 2012:** Teaching Assistant of Inorganic and Analytical Chemistry, Department of Chemistry, Faculty of Science, Ain Shams University, Cairo, Egypt.

TEACHING EXPERIENCES:

- Delivered Theoretical and Practical Courses in Inorganic and Analytical Chemistry to Undergraduate and Postgraduate Students at the Faculty of Science, Ain Shams University, Utilizing both Traditional and Smart Learning Methodologies.

Practical Courses Taught:

- Preparation and Analysis of Inorganic Compounds (Double Salts, Complexes, etc.).
- Analytical Chemistry (Qualitative and Quantitative Methods of Analysis).
- Instrumental Methods of Analysis (Potentiometry, Conductometry, Spectrophotometry, etc.).

Theoretical Courses Taught:

- General Chemistry (I & II).
- Chemistry of Transition Elements.
- Chemistry of Non-Transition Elements.
- Coordination Chemistry.
- Chemistry of Organometallic Compounds.
- Inorganic Reaction Mechanism.
- Inorganic Polymers.
- Molecular Symmetry and Group Theory.
- Bioinorganic Chemistry.
- Characterization of Inorganic Complexes.
- Volumetric/Gravimetric Methods of Analysis.
- Physical Methods in Inorganic Chemistry.
- Optical Methods of Analysis.
- Nano Chemistry and Nanotechnology.
- Electrochemical Methods of Analysis.
- Chromatographic Methods of Analysis.
- Water Treatment.

Books Writing Subscription:

- Co-author of a practical book entitled **"Qualitative Methods of Analysis"** for the 1st level undergraduate students.
- Co-author of a theoretical book entitled **"Chemistry of Organometallic Compounds"** for the 3rd level undergraduate students.

E-Learning Workshops:

Attended many workshops that enhance Smart E-learning Skills:

- E-learning Using Moodle (15 hr., ASU).
- Microsoft Teams and Zoom Clouds (15 hr., ASU).
- Electronic Exams via Official E-mail (15 hr., ASU).

RESEARCH EXPERIENCES:

My research explores the frontiers of Synthetic Coordination Chemistry, Materials Chemistry, Nanoscience, and Nanotechnology:

- **Synthesis of transition-metal complexes** (Thermal, hydrothermal, microwave-assisted approaches).
- Biological applications of metal complexes and their parent ligands (e.g., antimicrobial, cytotoxicity, antioxidant, etc.).
- Catalytic performance of metal complexes for some organic reactions.
- **Design and assembly of nanostructured materials and composites** (MOs, MOFs, Polymer-based nanocomposites).
- Materials development (e.g., Functionalization, Immobilization, Heterojunctions, etc.).
- Heterogenous photocatalysis.
- Water treatment processes (e.g., Adsorption, Photodegradation, AOP, etc.).

Good experience with the following instruments:

- Morphology and Surface Analysis: SEM/TEM, XPS, BET, PXRD.
- Analytical Techniques: UV-Vis Spectroscopy, HPLC, GC-Mass.
- Physicochemical Techniques: FTIR, NMR, TGA/DTA.

FUNDED RESEARCH PROJECTS:

- A member in a project entitled **"Development of Efficient Metal Organic Frameworks Composites for Environment Remediation and Production of Green Energy"** funded by Science and Technology Funding Authority (STDF). Project ID: 50847; 1/9/2025-now.
- A member in a project entitled **"Sustainable Geopolymer-based Building Materials from Industrial Wastes Enhanced by Nanoparticles and Cross-linked Superplasticizer"** funded by Science, Technology & innovation Funding Authority (STIFA). Project ID: 46044; 8/6/2022-8/12/2024.
- A member in a project entitled **"Low-Cost Technology for Treating Industrial Wastewater for Irrigation Purposes" funded** by Center of Excellence for Water, Cairo, Egypt; 1/11/2022-31/10/2023.
- A member in a project entitled **"Ceria-based Nanomaterials for an Economically Feasible Degradation of some Commercial Pesticides: Realistic Attempts for Water Remediation"** funded by Ain Shams University, Cairo, Egypt; 1/11/2021-1/5/2023.
- A member in a project entitled **"Development of Novel Nanomaterial-based Composites and Membranes for Sensing and Removal of Water Pollutants"** funded by Science & Technology Development Fund (STDF). Project ID: 45619;21/8/2021 to 20/11/2023.
- A member in a project entitled **"Photocatalytic Removal of Various Organic Pollutants Using Novel Magnetic Nanoparticles"** funded by Science & Technology Development Fund (STDF). Project ID: 25773; 24/10/2017 to 23/10/2019.

SCIENTIFIC PUBLICATIONS: [Scopus: h-index: 16, Citations: 707]

1. **Sayed, Mostafa A**., Osama AS Rafea, Ali M. Abdel-Aziz, Reda M. Abdelhameed, and Ibrahim HA Badr. "Development of Novel Ferrocene-Functionalized NH2-MIL-125 MOF for Efficient Photocatalytic Degradation of Indigoid Dyes under Visible Light." *Journal of Environmental Chemical Engineering* **(2025)**: 118982. https://doi.org/10.1016/j.jece.2025.118982
2. Radwan, Ahmed, Ayman A. Abdel Aziz, Ali M. Abdel-Aziz, Mina E. Sidqi, and **Mostafa A. Sayed**. "Harnessing synergistic effect of Al and Zn in novel bimetallic MOF for superior environmental pollutants adsorption." *Inorganic Chemistry Communications* **(2025)**: 114870. https://doi.org/10.1016/j.inoche.2025.114870
3. **Sayed, Mostafa A.**, Reda M. Abdelhameed, Ibrahim HA Badr, and Ali M. Abdel-Aziz. "Efficient adsorptive removal of hazardous congo red dye using Ce-BTC@ microcrystalline cellulose composite." *Scientific Reports* 15, no. 1 **(2025)**: 1-21. https://doi.org/10.1038/s41598-025-04085-2
4. Ramadan, Ramadan M., Hadeel H. El-Shalakany, and **Mostafa A. Sayed***. "Structural and biomedical investigations of novel ruthenium schiff base complexes". *Scientific Reports* 15, no. 1 **(2025)**: 1-19. https://doi.org/10.1038/s41598-025-03147-9
5. **Mostafa A. Sayed***, S. M. A. El-Gamal, M. Ramadan, Fatma M. Helmy, and Alaa Mohsen. "Hydrothermal synthesis and structural optimization of Bi_2O_3/Bi_2WO_6 nanocomposites for synergistic photodegradation of Indigo Carmine dye." *Scientific Reports* 15, no. 1 (2025): 1-26. https://doi.org/10.1038/s41598-025-01925-z

6. Ramadan, Ramadan M., Walid M. Elsheemy, Ayman A. Abdel Aziz, Anna Kozakiewicz-Piekarz, and **Mostafa A. Sayed**. "Facile synthesis and characterization of two new Pd (II) cocrystal complexes based on multifunctional quinoxaline ligands: X-ray crystallography, quantum chemical studies, molecular docking and biological profile." *Inorganic Chemistry Communications* **(2025)**: 114596.https://doi.org/10.1016/j.inoche.2025.114596
7. Abdel-Aziz, Ali M., Mina E. Sidqi, Ahmed Radwan, **Mostafa A. Sayed**, and Ayman A. Abdel Aziz. "Highly sensitive voltammetric sensor for dopamine based on a novel bimetallic AlZn MOF@multi-walled carbon nanotubes: Fabrication, electrochemical characterization and applications." *Microchemical Journal* 212 **(2025)**: 113503. https://doi.org/10.1016/j.microc.2025.113503
8. Rafea, Osama AS, Ali M. Abdel-Aziz, **Mostafa A. Sayed**, Reda M. Abdelhameed, and Ibrahim HA Badr. "Enhanced simultaneous voltammetric detection of lead, copper, and mercury using a MIL-101(Cr)-$(COOH)_2$@MWCNTs modified glassy carbon electrode." *Analytica Chimica Acta* 1338 **(2025)**: 343600. https://doi.org/10.1016/j.aca.2024.343600
9. Elsheemy, Walid M., Ayman A. Abdel Aziz, Ramadan M. Ramadan, Anna Kozakiewicz-Piekarz, and **Mostafa A. Sayed***. "Crystal structure, Hirshfeld surface analysis, molecular modeling, electrochemical properties, and potential medicinal activity of a novel binuclear Co (II) complex" *Applied Organometallic Chemistry 38(11),* **(2024)**: e7641.https://doi.org/10.1002/aoc.7641
10. Abdel-Aziz, Ali M., **Mostafa A. Sayed**, Osama AS Rafea, Reda M. Abdelhameed, and Ibrahim HA Badr. "Development of a novel MIL-68-NH_2@MCC composite for enhanced and synergistic removal of methylene blue and Sm (III) from an aqueous environment" *Applied Organometallic Chemistry 38 (8),* (**2024**): e7576. https://doi.org/10.1002/aoc.7576
11. El-Gamal, Safaa MA, **Mostafa A. Sayed**, Alaa Mohsen, Mahmoud M. Hazem, Mona Mohamed Wetwet, Fatma Mostafa Helmy, and Mohamed Ramadan. "Impact of WO_3-Nanoparticles on the Setting Time and Early Strength for Different Cementitious Materials" *Materials Science Forum*, vol. 1123, (**2024**): 125-133, Trans Tech Publications Ltd. https://doi.org/10.4028/p-KfJ0I5
12. Ramadan, M., S. M. A. El-Gamal, Mona M. Wetwet, **Mostafa A. Sayed**, M. M. Hazem, Noha M. Deghiedy, Ahmed E. Swilem, and Alaa Mohsen. "Developing green slag/bentonite-based geopolymers modified with meso-porous tungsten oxide: Zeolitic phases, mechanical performance and gamma-radiation mitigation" *Applied Clay Science* 255 (**2024**): 107421.https://doi.org/10.1016/j.clay.2024.107421
13. Deghiedy, Noha M., Safaa MA El-Gamal, Mohamed Ramadan, Alaa Mohsen, Mahmoud M. Hazem, **Mostafa A. Sayed**, Fatma M. Helmy, Mona M. Wetwet, and Ahmed E. Swilem. "Towards the preparation of sustainable superplasticizers for geopolymeric pastes via radiation-induced grafting of sulfonic group-bearing monomers onto corn starch" *Carbohydrate Polymers* (**2024**): 122359. https://doi.org/10.1016/j.carbpol.2024.122359
14. Amin, M. S., M. Ramadan, Alaa Mohsen, **Mostafa A. Sayed**, Ahmed M. Abu-Dief, Hoda A. Ahmed, and Ali M. Abdel-Aziz. "Synthesis of multifunctional mesoporous geopolymer under hydrothermal curing: High mechanical resistance and efficient removal of methylene blue from aqueous medium." *Developments in the Built Environment* 18 (**2024**) 100460.https://doi.org/10.1016/j.dibe.2024.100460

15. **Mostafa A. Sayed,** SMA El-Gamal, Alaa Mohsen, M Ramadan, Mona M Wetwet, Noha M Deghiedy, Ahmed E Swilem, MM Hazem. "Towards a green climate: Production of slag–red brick waste-based geopolymer mingled with WO_3 nanoparticles with bio-mechanical achievements". *Construction and Building Materials* 413 **(2024)** 134909. https://doi.org/10.1016/j.conbuildmat.2024.134909
16. El-Shalakany, Hadeel H., Ramadan M. Ramadan, and **Mostafa A. Sayed***. "New bivalent metal chelates based on an NO-donor Schiff base ligand : synthesis, structural characterization, DFT simulation, biological evaluation, and molecular docking analysis". *Inorganic Chemistry Communications* 159 **(2024)** 111826. https://doi.org/10.1016/j.inoche.2023.111826
17. Ali M Abdel-Aziz, M Ramadan, Alaa Mohsen, **Mostafa A. Sayed**. "Thermal treatment of lead-rich dust to improve fresh characteristics and adsorption behavior of autoclaved geopolymer for methylene blue dye removal". *Egypt. J. Chem.* 66 (13) **(2023)** 1633-1644.https://doi.org/10.21608/ejchem.2023.227260.8367
18. **Mostafa A. Sayed***, W.M.A. Abdelmaksoud, Said M. Teleb, A.M. El-Din, M.M. Abo-Aly. "Low-cost fabrication and physicochemical characterization of $ZnFe_2O_4$ nanoparticles as an efficient multifunctional inorganic pigment". *J Coat Technol Res* 20(6) **(2023)** 1997.https://doi.org/10.1007/s11998-023-00793-4
19. W.M.A. Abdelmaksoud, M.M. Abo-Aly, Said M. Teleb, A.M. El-Din, and **Mostafa A. Sayed***. "Synthesis, spectroscopic and physicochemical studies of novel pigments derived from Lithol Rubine"**.** *Pigment & Resin Technology* 52(5) **(2023)** 593-600. https://doi.org/10.1108/PRT-09-2021-0107
20. Ayman A. Abdel Aziz, Ramadan M. Ramadan, Mina E. Sidqi, **Mostafa A. Sayed***. "Structural characterization of novel mononuclear Schiff base metal complexes, DFT calculations, molecular docking studies, free radical scavenging, DNA binding evaluation and cytotoxic activity". *Appl Organomet Chem* 37(2) **(2023)** e6954. https://doi.org/10.1002/aoc.6954
21. Islam R. Ghoniem, Hassan A. El- Gammal, Ashraf M. Elmarsafy, Mohamed A. Amer, Mohamed M. Abo Aly, **Mostafa A. Sayed** "Study of Efficient Ecofriendly Degradation of Some Organophosphate Pesticides Using Silver Vanadate Nanoparticles and Analytical Qualification of Their Fragmentations". *Egypt. J. Chem.* 65(132) **(2022)** 1379-1387. 10.21608/ejchem.2022.139402.6118
22. W.M.A. Abdelmaksoud, M.M. Abo-Aly, Said M. Teleb, A.M. El-Din, and **Mostafa A. Sayed.** " Synthesis and characterization of novel pigments derived from Lithol Rubine". *Egypt. J. Chem.* 65(13) (2022) 661. 10.21608/ejchem.2022.128949.5708
23. **Mostafa A. Sayed,** M.A. Ahmed, M.F. El-Shahat, Islam M. El-Sewify "Mesoporous polyaniline/SnO_2 nanospheres for enhanced photocatalytic degradation of bio-staining fluorescent dye from an aqueous environment". *Inorganic Chemistry Communications* 139 **(2022)** 109326.https://doi.org/10.1016/j.inoche.2022.109326
24. Hany M. Abdeldayem and **Mostafa A. Sayed**. "Synthesis and characterization of $Ag/Ce_{1-X}Bi_XZnO$ composites hosted a-β/Bi_2O_3 as highly efficient catalysts for degradation of cationic and anionic dyes". *Journal of Photochemistry & Photobiology, A: Chemistry* 427 **(2022)** 113773.https://doi.org/10.1016/j.jphotochem.2022.113773
25. Mina E. Sidqi, Ayman A. Abdel Aziz, Amir E. Abolehasan , **Mostafa A. Sayed*.** "Photochemical processing potential of a novel Schiff base as a fluorescent probe for selective monitoring of Al^{3+} ions and

bioimaging in human cervical cancer HeLa cells". *Journal of Photochemistry & Photobiology, A: Chemistry* 424 **(2022)** 113616. https://doi.org/10.1016/j.jphotochem.2021.113616

26. **Mostafa A. Sayed***, M.M. Abo-Aly, Ayman A. Abdel Aziz, Amr Hassan, Abdel Naby M. Salem. "A Facile Hydrothermal Synthesis of Novel CeO_2/CdSe and CeO_2/CdTe Nanocomposites: Spectroscopic Investigations for Economically Feasible Photocatalytic Degradation of Congo Red Dye". *Inorganic Chemistry Communications* 130 **(2021)** 108750. https://doi.org/10.1016/j.inoche.2021.108750
27. Atef S. Darwish, **Mostafa A. Sayed**, Ahmed Shebl. "Cuttlefish bone stabilized Ag_3VO_4 nanocomposite and its Y_2O_3-decorated form: Waste-to-value development of efficiently ecofriendly visible-light photoactive and biocidal agents for dyeing, bacterial and larvae depollution of Egypt's wastewater". *Journal of Photochemistry & Photobiology A: Chemistry* 401 **(2020)** 112749.https://doi.org/10.1016/j.jphotochem.2020.112749
28. Ayman A. Abdel Aziz, **Mostafa A. Sayed.** "Some Novel Rare Earth Metal Ions complexes: Synthesis, Characterization, Luminescence and Biocidal Efficiency". *Analytical Biochemistry* 598 **(2020)** 113645. https://doi.org/10.1016/j.ab.2020.113645
29. Ayman A. Abdel Aziz, Amir A. Ezzat, **Mostafa A. Sayed. "**A simple Fluorescent Chemosensor for Detection of Zinc Ions in Some Real Samples and Intracellular Imaging in Living Cells". *J. Braz. Chem. Soc.* 31 **(2020)** 1635-1647. http://dx.doi.org/10.21577/0103-5053.20200049
30. M. Ramadan, M.S. Amin, **Mostafa A. Sayed. "**Superior physico-mechanical, fire resistivity, morphological characteristics and gamma radiation shielding of hardened OPC pastes incorporating $ZnFe_2O_4$ spinel nanoparticles"**.** *Construction and Building Materials* 234 **(2020)** 117807.https://doi.org/10.1016/j.conbuildmat.2019.117807
31. Ayman A. Abdel Aziz, **Mostafa A. Sayed**, Amr A. Mohamed, Abdel Naby M. Salem, Mohamed M. Abo-Aly. "Nanoceria tween-assisted synthesis, characterization, photocatalytic efficiency and antimicrobial activity". *International Journal of Nanotechnology in Medicine & Engineering* 2:6 **(2017)** 98-112.
32. M.M. Abo-Aly, A.M. Salem, **M. A. Sayed**, A.A. Abdel Aziz. "Spectroscopic and structural studies of the Schiff base 3-methoxy-Nsalicylidene-o-amino phenol complexes with some transition metal ions and their antibacterial, antifungal activities". *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 136 **(2015)** 993–1000. https://doi.org/10.1016/j.saa.2014.09.122
33. Ayman A. Abdel Aziz, Abdel Naby M. Salem, **Mostafa A. Sayed**, Mohammed M. Aboaly. "Synthesis, structural characterization, thermal studies, catalytic efficiency and antimicrobial activity of some M(II) complexes with ONO tridentate Schiff base N-salicylidene-o-amino phenol ($saphH_2$)" . *Journal of molecular structure* 1010 **(2012)** 130-138.https://doi.org/10.1016/j.molstruc.2011.11.043

CONFERENCES:

- **The 13th Annual ASU International Conference: Partnership & Alliances, Egypt,** 14th-15st May 2025.
- **The 5th International Conference of the Advanced Materials Technology and Mineral Resources Research Institute in Collaboration with JSPS**, 18, 19 February 2025, Cairo, Egypt.
- **The 5th International Conference of Egyptian Committee for Pure and Applied Chemistry (ICPAC24) "Chemistry: From Lab to Fab"**, 3-6 October 2024, Sharm El-Sheikh, Egypt **(Oral Presentation**).

- **The 1st International Conference of Investments and Water Treatment,** 31st Jul-1st Aug 2024, Cairo, Egypt.
- **The 15th International Conference on Sustainable Construction and Nanotechnology "Advances in Fire Safety, HVAC-R, and Built Environment"**, 2-3 March 2024, Cairo, Egypt (**Paper Submission, Author**).
- **The 12th Annual ASU International Conference: Partnership & Alliances, Egypt,** 30th-31st May 2024.
- **The 11th Annual ASU International Conference, Egypt,** 10th-11th May 2023.
- **The 2nd International Conference on Nanotechnology: Theory and Applications, Egypt,** 19-21 Dec. 2022.
- **The 10th Annual ASU International Conference, Egypt,** 29th-31st March 2022.
- **The ITEC International Conference, Teri, New Delhi, India,** 17th-20th Feb 2014.

ACADEMIC ACHIEVMENTS:

- Supervising about 20 M.Sc. and Ph.D. Dissertations for Postgraduate Students.
- Supervising over 50 students' Graduation Projects for Undergraduate Students.
- Academic Advising for Undergraduate Students.
- Serving as a Peer Reviewer for Several International Scientific Journals, Including *Scientific Reports, ChemistrySelect, Journal of Sol-Gel Science and Technology,* and *Chemistry & Biodiversity.*

AWARDS & HONORS:

1- International Publication Reward – Ain Shams University, Egypt from 2018 to 2025.

2- Ain Shams University Reward (2021/2022) for the Best Research Project: Ceria-based nanomaterials for an economically feasible degradation of some commercial pesticides: Realistic attempts for water remediation.

TRAINING AND WORKSHOPS:

- "Optimizing Green Environment: Soil, Air, Energy, Plant, Waste Remediation & Reuse Workshop"; held in the National Research Centre, Egypt (Feb 2024).
- "IOP publishing: Excellence in Peer Review Webinar" (Jul 2023).
- "Computational Chemistry in Education and Research Workshop" held in Chemistry Department, Faculty of Science, Ain Shams University (May 2023).
- "Applications of Electron Microscope (SEM&TEM) Workshop" at the Central Laboratory of Faculty of Science, ASU (Jul 2016).
- "Advanced Photochemical Instrumentation Workshop" at the Photoenergy Center, ASU (Jul 2007).
- "Comprehensive Internship Experience in Egyptian Petroleum Research Institute", Cairo, Egypt (Jul 2006).

  - More Than **20 Training Courses** Concerning the Quality Achievement in the Educational and Assessment Processes in Faculty and Leadership Development Center (FLDC, ASU) Such as:

- Credit Hours (15 hr., 2010).
- Teaching using Modern Technology (15 hr., 2011).
- National and International Competitive Research Projects (15 hr., 2015).
- Time and Meetings Management (15 hr., 2017).
- Scientific Writing (15 hr., 2017).

- Effective Teaching (15 hr., 2017).
- Rehabilitation of the Work Team in the Quality Assurance Units (15 hr., 2019).
- Electronic Exams from the University Official E-mail (15 hr., 2020).
- Creating the Electronic Course and Broadcasting Presentation Techniques (15 hr., 2020).
- Techniques of using 'Microsoft Teams' Application (15 hr., 2021).
- Sustainable Development Goals (SDGs) in Higher Education (15 hr., 2022).
- Problem Solving Techniques (15 hr., 2022).
- Critical Thinking Skills (15 hr., 2024).
- Creative Problem Solving 'TRIZ' (15 hr., 2024).

SPECIAL TRAINING:

- **An International Training Program Conducted by the Energy and Resources Institute (TERI), New Delhi, India (17 Feb-7 Mar 2014) Under the Title "Renewable Energy and Energy Efficiency".**

COMMITTEES' MEMBERSHIPS:

- Laboratory Safety Committee (Chemistry Department, Faculty of Science, ASU).
- Graduation Projects Committee (Chemistry Department, Faculty of Science, ASU).
- Academic Advising Committee (Chemistry Department, Faculty of Science, ASU).
- Schedules Committee (Chemistry Department, Faculty of Science, ASU).
- Field Training Committee (Chemistry Department, Faculty of Science, ASU).
- Chemicals and Glass wares Committee (Chemistry Department, Faculty of Science, ASU).
- The Egyptian Organization for Standardization and Quality (Calibration Committee, Ministry of Trade and Industry, Egypt).

QUALITY AND ACCREDITATION ACTIVITIES:

- I am involved in the college's quality and accreditation committees:
  - Quality Coordinator and Rapporteur of the Chemistry Department (2023–now, ASU).
  - Chemistry Programs Accreditation Committee (2020–now, ASU).
  - Quality Assurance Committee (2018–now, ASU).
  - Academic Advising Committee (2019–now, ASU).

COMPUTER SKILLS:

- Professional in using Computer Skills for Chemistry Applications (Chem-Office, Origin, Spartan-14, etc.).
- Have **ICDL** Certificate.
- Professional in using MS-Office and Internet.

LANGUAGE SKILLS:

- **Arabic** native.
- Very Good in Writing, Reading and Speaking **English**.
- Have Test of English language Proficiency **(TELP)** from Center of Public Service and Social Development, Ain Shams University (**Score: 609/650**).
- Intermediate level in **French**.

REFEREES:

1. Prof. Dr. Mohamed Mahmoud Aboaly, Prof. of Inorganic Chemistry, Faculty of Science, Ain Shams University, Egypt, **aboalymoh@sci.asu.edu.eg (+201116972232)**
2. Prof. Dr. Ibrahim Husseiny Badr, Prof. of Analytical Chemistry, Faculty of Science, Galala University, Egypt, **ihbadr@sci.asu.edu.eg (+201153344232)**
3. Prof. Dr. Mohamed Elsayed Amin, Prof. of Physical Chemistry, College of Science, Taibah University, Al-Madina Al-Monawara, Kingdom of Saudi Arabia, **meahassan@taibahu.edu.sa (+966563526533/+201001648958)**