

Personal Information

Nabila Shehata

☎ (+2) 01119910190

✉ Nabila.shehata@psas.bsu.edu.eg

Scopus ID: 57194552250

ORCID: 0000-0002-2117-1840

Academic Information

2014

- Ph.D. in Chemical Engineering Department, Faculty of Engineering, Minia University, Egypt. Funded by NATO Organization, project no. 982816.

2008

- M. Sc. in Chemical Engineering Department, Faculty of Engineering, Minia University, Egypt.

2001

- B. Sc. Honors degree in Chemical Engineering, Chemical Engineering Department, Faculty of Engineering, Minia University, Egypt

Work Experience

2025

- Visiting professor at the Egyptian Korean Faculty of Technological Industry and Energy, Beni-Suef technological university

2024

- Visiting professor at Temple university, Philadelphia, PA 19122, United States

2021-now

- Consultant, (Field of specialization: wastewater treatment)

2023-2024

- Head of Renewable Energy Science and Engineering Department, PSAS Faculty, BSU

2024

- Head of Environmental Science and Industrial Development Department, PSAS Faculty, BSU.

2021-now

- Assoc. Professor of Chemical Engineering at Beni-Suef University, Egypt.

2021-NOW

- Certified Reviewer for Quality Assurance and Programs Accreditation, NAQQA.

2021

- Quality manager, center of excellence for economic commercial production of nanomaterials for local market needs, PSAS Faculty, BSU, Egypt.

- 2019 • Director of industry-university unit, BSU.
- 2014-2021 • Lecturer, ESID Dep., PSAS Faculty, BSU, Egypt.
- 2013-2021 • Co-director of QAAP, PSAS Faculty, BSU, Egypt.
- 2013-2014 • Assist. Lecturer, Environmental science and industrial development (ESID) Dep., PSAS Faculty, Beni-Suef University (BSU), Egypt.
- 2009 - 2010 • Researcher at the Research Center of Agricultural Doctorate, Agricultural Doctorate, Minia, Egypt.
- 2009 – 2010 • Engineer at El-Jazeera Company (operation of water treatment plant), Cairo, Egypt
- 2001 – 2008 • Free engineer

Publication

1. Simranjeet Singh, Radhika Varshney, Pavithra N., Basavaraju Uppara, Praveen C. Ramamurthy and Nabila Shehata. "Aluminium MOF as a selective sensor for atrazine with docking and computational insight". RSC Adv., 2026,16, 9648-9658. <https://doi.org/10.1039/D5RA09371F>
2. Nabila Shehata, Simranjeet Singh, Radhika Varshney, Pavithra N, Daljeet Singh Dhanjal and Praveen C. Ramamurthy. "Plant-extract-mediated synthesis of copper oxide nanoparticles for sustainable lead detoxification: experimental evaluation and docking studies." Nanoscale Advances (2026). DOI: 10.1039/D5NA01027F
3. Farouk, E., Zaki, A.H., Eldek, S.I. et al. Efficient removal of Cs⁺ and Sr²⁺ from water using titanate nanotubes embedded in alginate macromolecules. Sci Rep 16, 7483 (2026). <https://doi.org/10.1038/s41598-026-38030-8>
4. Ahmed A. Serour, M.H. Khedr, Nabila Shehata, O.A. Mohamed, "Designing low-clinker green cement with high bypass dust content: a resource-efficient approach using industrial wastes", Ain Shams Engineering Journal, 17, 4, 2026, 104071, ISSN 2090-4479, <https://doi.org/10.1016/j.asej.2026.104071>.
5. Abbas, R., Abdelzaher, M.A., Shehata, N. et al. Evaluation of TiO₂ and ZnO nanocomposites based Metakaolin geopolymer composites on immobilization of Cr (IV) complexes for progressing towards sustainability. J Mater Cycles Waste Manag (2025). <https://doi.org/10.1007/s10163-025-02447-6>
6. Shehata, N. and Egirani, D. (2025). Integration of Different Technologies to Enhance the Efficiency of Wastewater Treatment. In Wastewater to Resource Recovery (eds A.K. Mungray, A.A. Mungray, A. Arkatkar and M.A. Abdelkareem). <https://doi.org/10.1002/9781394274314.ch22>

7. El-harty, M.S., Elkomy, A.S. and Shehata, N. (2025). Conventional Physical and Chemical Treatment Technologies and Economic Implications. In Wastewater to Resource Recovery (eds A.K. Mungray, A.A. Mungray, A. Arkatkar and M.A. Abdelkareem). <https://doi.org/10.1002/9781394274314.ch05>
8. Younes, H.A. and Shehata, N. (2025). Composition of Industrial Wastewater and Its Conventional Treatment Facility. In Wastewater to Resource Recovery (eds A.K. Mungray, A.A. Mungray, A. Arkatkar and M.A. Abdelkareem). <https://doi.org/10.1002/9781394274314.ch07>
9. Ebaid, M., Abdallah, G., Shehata, N. and Kornaros, M. (2025). Industrial Wastewater Treatment: Environmental and Economic Implications. In Wastewater to Resource Recovery (eds A.K. Mungray, A.A. Mungray, A. Arkatkar and M.A. Abdelkareem). <https://doi.org/10.1002/9781394274314.ch09>
- Shehata, N. and Osama, R. (2025). Case Study for Wastewater Treatment. In Wastewater to Resource Recovery (eds A.K. Mungray, A.A. Mungray, A. Arkatkar and M.A. Abdelkareem). <https://doi.org/10.1002/9781394274314.ch10>
11. Saied, O., Wilberforce, T. and Shehata, N. (2025). Sewage a Wasting Resource: Need to Rethink. In Wastewater to Resource Recovery (eds A.K. Mungray, A.A. Mungray, A. Arkatkar and M.A. Abdelkareem). <https://doi.org/10.1002/9781394274314.ch11>
12. Elkomy, A.S. and Shehata, N. (2025). Utilization of Industrial Wastewater as an Input for Resource Recovery. In Wastewater to Resource Recovery (eds A.K. Mungray, A.A. Mungray, A. Arkatkar and M.A. Abdelkareem). <https://doi.org/10.1002/9781394274314.ch13>
13. Farghal, H.H., Ali, A., Shehata, N. and El-Sayed, M. (2025). Adopting Conventional and Modern Water Treatment Technologies to Achieve Circular Economy by Resource Recovery. In Wastewater to Resource Recovery (eds A.K. Mungray, A.A. Mungray, A. Arkatkar and M.A. Abdelkareem). <https://doi.org/10.1002/9781394274314.ch17>
14. Shehata, N. (2025). Technologies for Treatment of Wastewater: Scale-up Plant. In Wastewater to Resource Recovery (eds A.K. Mungray, A.A. Mungray, A. Arkatkar and M.A. Abdelkareem). <https://doi.org/10.1002/9781394274314.ch19>
15. Narasimhappa, P., Singh, S., Varshney, R., Chauhan, V., Kour, R., Ramamurthy, P.C., Shehata, N., 2025. Environmental behavior and human health risks of PFAS: occurrence, toxicity, and the state-of-the-art removal approaches. RSC Adv. 15, 44555–44583. <https://doi.org/10.1039/D5RA07672B>
16. Simranjeet Singh, Pavithra N., Radhika Varshney, Ashutosh Panchal, Praveen C. Ramamurthy, Joginder Singh & Nabila Shehata. Electrochemical detection of atrazine using a zinc methylimidazolate framework with molecular docking insights. Sci Rep (2025). <https://doi.org/10.1038/s41598-025-29632-9>
17. El-Shafey, A., El-Dek, S. I., Khedr, M. H., & Shehata, N. (2025). Kinetics of degradation of

Rhodamine B onto natural and calcined carbon-doped Ca_{0.5}Sr_{0.5}MoO₄. Discover Applied Sciences (2025).

18. Praveen C. Ramamurthy, Praveen Chandrasekharpura Ramamurthy, Simranjeet Singh, N Pavithra, Radhilka Varshney, Ashutosh Panchal, Nabila Shehata, Nadeem A. Khan and Joginder Singh. "Green-Synthesized ZnO Nanoparticles for Efficient Atrazine Detection: Electrochemical and Computational Investigations." *Nanoscale Advances* (2025).
19. Nabila Shehata, Fatma I. Abo El-Ela, Simranjeet Singh, Praveen C. Ramamurthy, Nadeem A. Khan, Rehab Mahmoud, Joginder Singh, Sami Rtimi. "Management of caffeine in wastewater using nanolayered material: An integrated study of process kinetics, modeling, and toxicity assessment, *Journal of Environmental Management*", Volume 393, 2025, 127011, ISSN 0301-4797, <https://doi.org/10.1016/j.jenvman.2025.127011>
20. M. Farid, A.H. Zaki, M.A.F. Basha, Nabila Shehata, M.H. Khedr, "Management of highly toxic arsenic (As³⁺ and As⁵⁺) in water using sodium titanate nanotubes: Integrated kinetic and isothermal studies", *Next Sustainability*, Volume 6, 2025, 100170, ISSN 2949-8236, <https://doi.org/10.1016/j.nxsust.2025.100170>
21. Mashaal D. Alqahtani, Dina Mostafa, Nabila Shehata, et al., Hydrothermally Tailored Hematite Nanorods for Photo-Fenton Degradation of 4-Nitrophenol: Influence of Morphology on Catalytic Mechanism and Environmental Safety, *Chinese Journal of Analytical Chemistry*, 2025, 100585, ISSN 1872-2040, <https://doi.org/10.1016/j.cjac.2025.100585>
22. Singh, S., Kashyap, H., Shehata, N., Jammu, G. S., Kapahi, Y., Khan, N. A., ... & Rtimi, S. (2025). Carbamates-based pesticides: Detection, toxicity, biodegradation, and sustainable development challenges. *Chemical Engineering Journal*, 163800. ISSN 1385-8947, <https://doi.org/10.1016/j.cej.2025.163800>
23. M. S. Goda, N. Shehata, M. H. Shaltout, A. Zaher, Emerging Contaminants Removal Using ZnO Nanoparticles: Adsorption of Tetracycline and Ciprofloxacin. *ChemistrySelect* 2025, 10, e05432. <https://doi.org/10.1002/slct.202405432>
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26. Walaa Gaber, Nabila Shehata, et al., "Steric and energetic studies on the retention of Cd (II) and Zn (II) metal ions into magnesium rich zeolite-A synthesized from natural talc: Experimental and theoretical studies". *Chinese Journal of Analytical Chemistry*, 2025, 100541, ISSN 1872-2040, <https://doi.org/10.1016/j.cjac.2025.100541>

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31. Mofida E.M. Makhlof, Ahmed H. Zabady, Nabila Shehata. "Green Ammonia and the Sustainable Development Goals (SDGs)" Reference Module in Materials Science and Materials Engineering, Elsevier, 2024, ISBN 9780128035818, <https://doi.org/10.1016/B978-0-443-15738-7.00080-5>
32. Abdul Ghani Olabi, Nabila Shehata, Usama Hamed Issa, O.A. Mohamed, Montaser Mahmoud, Mohammad Ali Abdelkareem, M.A. Abdelzاهر. "The role of green buildings in achieving the Sustainable Development Goals", *International Journal of Thermofluids*, 2024, 101002, ISSN 2666-2027, <https://doi.org/10.1016/j.ijft.2024.101002>
33. Nabila Shehata, Etisha Arun, Khushhal Rathore, Neelam Pandey. "Life Cycle Analysis of Green Polymers". Reference Module in Materials Science and Materials Engineering, Elsevier, 2024, ISBN 9780128035818, <https://doi.org/10.1016/B978-0-443-15738-7.00093-3>.
34. Dina Mostafa, Nabila Shehata, et al., "Facet-dependent adsorption of safranin dye and phosphate ions by synthesized hematite nano-rods derived from natural Lateritic iron ore; steric and energetic investigation." *New Journal of Chemistry*, 45, 2024. <https://doi.org/10.1039/D4NJ04152F>
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36. Simranjeet Singh, Shweta Shekar, Sushant K. Behera, Nabila Shehata, Nadeem A. Khan, Joginder Singh, Praveen C. Ramamurthy. "Synthesis, Characterization, and Application of Thio-Salicylaldehyde Schiff Base Complexes for Efficient Cr (VI) Adsorption: Insights into Regeneration

- and Optimization Strategies", *iScience*, 110925, 2024, <https://doi.org/10.1016/j.isci.2024.110925>
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 40. Sarah A. Farag, M. Farouk, Nabila Shehata. "Evaluation of ZnO/NiO/Kaolin nanocomposite as a sorbent/photocatalyst in hybrid water remediation process". *Applied water science*, 2024, 14:259. <https://doi.org/10.1007/s13201-024-02282-4>
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 42. Abdel-Rasheed, M. S., Snousy, M. G., Shehata, N., Salem, A. A., Elewa, A. M. T., Mohamed, E. A., A. Abouelmagd, Jianhua Wu, M.A.S. Mehanyj & Abeer El Shahawy, A. (2024). Cost-effective operation strategies to secure drinking water accompanied by low emissions by water safety plans. *International Journal of Environmental Studies*, 1–22. <https://doi.org/10.1080/00207233.2024.2405442>
 43. Rania Ramadan, Alaa M. Amer, Nabila Shehata, 2.06 - Green Plastic Materials, *Comprehensive Green Materials* (First Edition), Elsevier, 2025, Pages 80-93, ISBN 9780443157394, <https://doi.org/10.1016/B978-0-443-15738-7.00087-8>
 44. Rania Ramadan, Rania Ramadan, Nabila Shehata, 3.26 - Green Polymer Waste and Pollution, *Comprehensive Green Materials* (First Edition), Elsevier, 2025, Pages 481-500, ISBN 9780443157394, <https://doi.org/10.1016/B978-0-443-15738-7.00084-2>.
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- nanocomposite for calcium ion removal in water softening applications. *Environ Sci Pollut Res* **31**, 67577–67593 (2024). <https://doi.org/10.1007/s11356-024-34069-0>
47. Essam, A., Eldek, S.I. & Shehata, N. Management of caffeine in wastewater using MOF and perovskite materials: optimization, kinetics, and adsorption isotherm modelling. *J Environ Health Sci Engineer* (2024). <https://doi.org/10.1007/s40201-024-00904-2>
48. Alaa M. Amer, S. I. El-Dek, A. A. Farghali, Nabila Shehata. "Management of ibuprofen in wastewater using electrospun nanofibers developed from PET and PS wastes". *Chemosphere*, 359, July 2024, 142313. <https://doi.org/10.1016/j.chemosphere.2024.142313>
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52. Mohammad Ali Abdelkareem, A. Qaisar, E.T. Sayed, N. Shehata, J.B.M. Parambath, Abdul Hai Alami, A.G. Olabi, Recent advances on metal-organic frameworks (MOFs) and their applications in energy conversion devices: Technical review, *Energy*, 2024, 131127, ISSN 0360-5442, <https://doi.org/10.1016/j.energy.2024.131127>.
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55. T. S. Sunil Kumar Naik, Simranjeet Singh, Pavithra N, Radhika Varshney, Joginder Singh, Nadeem A Khan, Sasan Zahmatkesh, Praveen C. Ramamurthy, Nabila Shehata, Kiran G.N, K.Sunil. Green

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International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS), India.

7. E. S. Sheneshen , E. A. Abdel-Galil, Nabila Shehata "Review on Ion Exchangers as the most commonly used method for Removal of Toxic Metals in Wastewater", Environmental Security and Global Climate Change (ESGCC-I), 10th -12th April 2016, Beni-Suef University, Egypt.
8. Ahmed M Shafeek, Nabila Shehata, Hamdy Salah and Amr Bakr. "Cement and water properties varying according to Nile river level", The 1st International Conference of Environmental security and Global Climate Change (ESGCC-I) 10th – 12th April 2016, Beni-Suef University, Egypt.
9. Mohammad A Abd Elkareem, Mohamed Salah Mahmoud, Ibrahim A Ashour, Enas T Sayed, Nabila Shehata and Sawsan Abo Talas "Synthesis and utilization of tungsten nitride nanoparticles as cathode catalyst in microbial fuel cell", the 6th International Conference on Power and Energy Systems (ICPES 2016), November 15-18, 2016, Paris, France

Projects

1. Member of "Fabrication of hybrid treatment and desalination system for oily wastewater treatment using MOFs composites: experimental and computational studies", \$ 50,000 , USAID.
2. Member of RDI project Reference: EuropeAid/132-715/M/ACT/EG "Nanotechnological Approach for the Development and Implementation of Microbial Fuel Cell for Energy Harvesting from Wastewater" RDI, 450, 000 Euro. <http://1stfcapp.wixsite.com/fuel-cell/administrative-committee>
3. CO-PI of project entitled "Enhanced removal of dissolved iron and manganese from ground water in Assiut Governorate, Egypt , using the Nonwoven Fiber Cartridge", STDF, (1,758,800 L.E), 2020
4. Member of project under the title of "Economic commercial production of nanomaterials for local market needs", STDF, (8,000,000 L.E.), 2018.
5. Member of project under the title of "Conversion of Plastic

Wastes into Oil", Beni-Suef University, (65, 000 L.E.), 2014.

6. Member of project under the title of "Developing new techniques for early detection and control of some waterborne pathogens in drinking water in rural areas in Beni-Suef Governorate", Beni-Suef University, (65, 000 L.E.), 2014.
7. Member of project under the title of "Design, Implementation and Performance of 5 kW Rooftop Grid Connected PV System: Faculty of Post graduates for Advanced Science: as a Case Study", Beni-Suef University, (100, 000 L.E.), 2014.
8. Member of project under the title of "Detection and Treatment of Hazards Emerging Contaminants in Municipal Waste Water for Reuse", Beni-Suef University, (40, 000 L.E.), 2014.
9. Member of NATO sfp project no. 982816. "Environmental Security Enhancement through an Innovative Process for Nitrogen Removal", NATO Organization, (125, 000 EURO), 2010.

Teaching Experience

Teaching different courses at:

PSAS Faculty, Beni-suef University as following: Environmental science and industrial development department

- Clean Water Technology
- Plant design
- Environmental civil engineering
- Industrial biotechnology
- Energy conservation management
- Industrial wastes
- Water Reclamation Technology

2. Science and engineering of renewable energy department:

- Biomass, Biofuels and Biogas
- Renewable energy marketing

3. Material science and nanotechnology department:

- Fundamental of Nano science
- Basic of nano technology
- Hydrogen production and storage

The Egyptian Korean Faculty of Technological Industry and Energy

- Renewable energy

Developing of the following courses: (2015-2020)

- Clean Water Technology
- Plant design
- Environmental civil engineering
- Energy conservation management
- Industrial wastes
- Water Reclamation Technology

Curriculum
 developmen
 t

Co-founder of the professional master program "integrated management of water and environment (2022) which includes the following courses:

Environmental chemistry and sustainability, Ecology, Climate change and environmental Pollution, Environmental Economics, Water Sciences Environmental management system, GIS and Remote Sensing Environmental Legislation, Membrane science and technology, Climate change mitigation in water resource management, Wastewater treatment Technologies, Principles of Environmental Risk Management, Groundwater modelling, Contaminant hydrogeology, Solid and Hazardous Waste Management, Integrated Quality management, Scientific thinking and technique writing, Monitoring and operation of wastewater treatment, Pollution prevention and industrial ecology, Water policy, security and governance, Water resources management, Industrial biotechnology, Wetlands management and conservation
 And elective courses : Hydraulic for irrigation, Fundamental of Nano science, Environmental statistics, Energy conservation management, Process instrumentation and control

Honors &
 Awards

- Ranked as one of the world's top 2% most cited scientist according to the annual ranking of Stanford University for 2025
- The prize of the best paper in subject of applied sciences), 10th International Scientific Conference on Applied Sciences and Engineering, 27-28 August, 2016, Thailand.

Professional
 membership

Professional member of Institute for Engineering Research and Publication (IFERP)

Community
 Services

10. Counseling for the industrial region, Beni-Suef governorate
11. Participate in the EIA for some industrial regions in Beni-Suef

12. Participate in strategic EIA for 7 industrial regions in Egypt.

13. Member of Arab Federation for Specialized Women.

Annex 1: Training & Workshops

No.	Activity	Role	Time	Venue
1	The first international exhibition on sustainable water supply and sanitation (SWSSC 10)	Attending	25-27 July 2010	Cairo
2	Modules at Faculty and leadership Development Centre, Beni-Suef University: <ul style="list-style-type: none"> • International publishing of research • Strategic Planning • Use of technology in teaching • University legal and financial aspects • Organizing scientific conferences • Quality standards in teaching 	Trainee	2013-2014	Beni-Suef
3	The symposium "causes of high way Accidents in Egypt"	Organizer	2014	Beni-suef
4	The symposium "Renewable energy, resources and how to use it in sustainable development"	Organizer Trainer	2014	Beni-suef
5	The 2 nd International Conference on advanced basic and applied sciences	Organizer	2-4 April 2014	Sokhna
6	The EIA study of The Industrial Region of Beni-Suef Governorate, 2014	Participate	2014	Beni-suef /Cairo
7	The symposium "Competitive projects: effective sources for scientific research finance"	Attending	16 Sep. 2014	Beni-suef
8	The photovoltaic system and their applications indoor and outdoor" workshop,	Trainer	14-16 Feb. 2015	Beni-suef
9	The International conference on chemistry and its role in development.	Attending	16-20 Mar. 2015	Mansoura/S harm El-Sheikh
10	The 3rd International Conference of Advanced Applied Sciences (ICAS-III)	Organizer Attending	17 -20 Nov. 2015.	Hurghada
11	Modules organized by National authority for quality assurance and accreditation of education for the preparation of a strategic	Trainee	2014	Beni-suef

	<p>expert in the field of higher education: Self-evaluation of institutions of higher education Programs specification and courses maps for institutions of higher education Effective learning for institutions of higher education External evaluation of institutions of higher education Strategic planning for higher education institutions</p>			
12	Module organized by DAAD Kairo Akademie " How to Present Scientific Papers"	Trainee	31 Mar. 2015	Beni-suef
13	Fundamental of geographic information systems"	Attending	31 Mar. 2015	Beni-Suef
14	"Egypt invents 2015", International conference of Beni-Suef university with cooperation of Egyptian inventors syndicate,	Judge	8 Mar. 2015	Beni-Suef
15	"Scientific writing" workshop	Organizer	28 Mar. 2015	Beni-Suef
16	The 1 st International Conference of Environmental science (ICES-I), , Egypt, .	Organizer	17 - 20 May 2015	Sokhna
17	Module organized by DAAD Kairo Akademie " "How to Present Scientific Data" of the further domain "Academic Skills"	Trainee	03Oct. 2015	Beni-Suef
18	The 3 rd International Conference on Advanced Basic & Applied Sciences (ABAS III)	Organizer	17 -20 Nov. 2015	Hurghada
19	E-JUST Second International Conference On Innovative Engineering For the Promotion of Higher Education in the Middle-East and Africa	Attending	19-20 May 2015	Alexandria
20	Module "How to Present Scientific Papers" of the further domain "Academic Skills" by DAAD Kairo Akademie,.	Trainee	04 Oct. 2015	Beni-Suef
21	Module organized by DAAD Kairo Akademie "competitive research proposal writing"	Trainee	3 Nov. 2016	Beni-Suef
22	The 3 rd international conference on nanotechnology and its applications	Presenter	22-25 Feb. 2016	Hurghada
23	The international conference of Environmental Security and Global Climate Change (ESGCC-I)	Organizer	10-12 Apr. 2016.	Beni-Suef
24	Module organized by DAAD Kairo Akademie "International networking,	Trainee	18 Dec. 2016	Beni-Suef

25	Symposium "economic impact of scientific research from the economic knowledge: the case study of EPRI"	Attending	27 Nov. 2016	Beni-Suef
26	The 10 th International Scientific Conference on Applied Sciences and Engineering	Presenter	27-28 August, 2016	Thailand
27	The 4 th International Conference of Advanced Applied Sciences (ICAS4)	Organizer	7 -10 Nov. 2017	Hurghada
28	Workshop "how to transfer your research results to commercial idea?"	Trainee	18 Feb. 2017	Beni-Suef
29	Modules at Faculty and leadership Development Centre , Beni-Suef University: <ul style="list-style-type: none"> • Research ethics • International publishing of research • Integrity, transparency and anti-corruption 	Trainee	2017	Beni-Suef
30	Symposium "how to write research proposal, how to write a review article and publishing process"	Trainee	10 Feb. 2018	Beni-Suef
31	Workshop "statistical data analysis"	Trainee	25 Mar. 2018	Beni-Suef
32	The 2 nd international conference of the ESID department, PSAS Faculty, BSU, Egypt.	Organizer	22 Apr. 2018	Beni-Suef
33	The 2 nd international conference on physics, materials sciences and engineering	Presenter	25-28 July 2018	Hurghada
34	Session organized be Egyptian Knowledge bank "enhancing your research using NANO research solution"	Attending	5 Sep. 2018	Beni-Suef
35	Workshop "recent advances in renewable energy technologies III"	Trainee	9 Dec. 2018	Beni-Suef
36	The 5 rd International Conference of Advanced Applied Sciences (ICAS5)	Conference secretary	9 -12 Nov. 2019	Hurghada
37	The strategic EIA study of seven Industrial Regions in Egypt	Participation	28 Sep. 2020	Cairo
38	Master classes organized be Nature "masterclass in scientific writing and publishing"	Trainee	2020	Beni-suef
39	The ACS Seminars "Advances in Polymer Nanocomposites"	Attending	18- 19 Oct 2021	Online
40	The 13 th International Conference on Sustainable Energy & Environmental Protection (SEEP2021), Virtual Venue: University of Natural Resources and Life	Oral Participation	13 th – 16 th of Sep. 2021	Online

	Science, Vienna (BOKU),			
41	Cairo Water Week Water, Population and Global Changes: Challenges and Opportunities	Attending	24 th -28 th October 2021	Cairo
42	Center of Excellence for Water activities, the Governance and Strategic Planning in parallel with Cairo Water Week	Attending	24 th -29 th October 2021	Cairo
43	First Water-International Symposium for Sustainable Water Solutions	Poster Participation	6 th -7 th Sep. 2022	Alexandria
44	Cityscape Egypt conference	Attending	12 th -13 th Sep. 2022	Cairo
45	Auditing Institute of graduate studies and research - NAQAA	Examiner	21-22 May 2023	Alexandria
46	Governance and Strategic Planning- Center of Excellence – Alexandria University	Attending	14-16 May 2023	Alexandria
47	Teaching assignment at Paris Saclay university	participation	19-23 June 2023	France
48	Auditing the higher technological institute, 10 th of Ramadan city - NAQAA	Examiner	26-28 Nov. 2023	10 th of Ramadan city, Elsharkaya
49	Auditing the British university in Egypt - NAQAA	Examiner	17-19 Feb. 2024	El-Sherouk city, Cairo
50	Auditing Alexandria Higher Institute of Engineering and Technology- NAQAA	Examiner	30 Apr.- 2May 2024	Alexandria
51	Semester abroad at Temple University	Visiting faculty member	09 June -15 August 2024	Philadelphia , Pennsylvania, USA
52	15 th international conference on hydrogen production	Presenter	9-12 Dec 2024	UAE
53	Auditing higher institute for Engineering and modern technologies - NAQAA	Examiner	16-18 Feb 2025	New marg, Cairo
54	Applications of nanomaterials in the medical and applied engineering sectors	Invited speaker	6 March 2025	Iraq (online)
55	Nanofiltration: principles, performance and potential	Invited speaker	26 June 2025	Iraq (online)