











Curriculum Vitae

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- Academic and Professional Experience
- Teaching and Supervision
- Research Profile
- Grants and Funding
- International Exposure and Collaboration
- Community and Public Engagement
- Conference and Event Organization
- Service and Contribution
- Media and Outreach

Personal Information

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	Google Scholar	https://scholar.google.com/eg/citations?user=4PdGRUGAAAAJ&hl=en
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	ORCID	https://orcid.org/0000-0001-8223-4625
	AGYA Profile	https://agya.info/agya-life/members/lobna-said
	Nationality:	Egyptian

Education

Ph.D. 2012-2016.	Electronics and Electrical Communication Engineering, Faculty of Engineering, Cairo University , Cairo, Egypt. Thesis Title: “Design of Fractional-Order Oscillators and Filters Based on Two-Port Network”
M.Sc. 2007-2011.	Electronics and Electrical Communication Engineering, Faculty of Engineering, Cairo University , Cairo, Egypt. Thesis Title: “Active Realization of Doubly Terminated LC Ladder Filters Using Active Building Blocks”
B.Sc. 2002-2007.	Electronics and Electrical Communication Engineering, Faculty of Engineering, Cairo University , Cairo, Egypt. Thesis Project " <i>Software-defined radio</i> ," Grade: Distinction with honors.

Academic Experience

Nile University	Professor (Full-Time)	26 April 2026-Present
	Director of Microelectronics System Design Program (MSD)	1 September 2021-Present
	Co-Director of the Nanoelectronics Integrated Systems Center (NISC)	1 September 2021 - May 2024
	Associate Professor (Full-Time)	13 June 2021-25 April 2026
	Assistant Professor (Full-Time)	2016-2021
	Assistant Lecturer (Part-Time)	2015-2016
German University in Cairo (GUC)	Assistant Professor (Part-Time)	2016
	Assistant Lecturer (Full-Time)	2011-2016
	Teaching Assistant (Full-Time)	2007-2011

Memberships in National/International Societies

Membership	Institution	Interval	
		Start	End
Member of the Egyptian Young Academy of Science (EYAS)	ASRT, Egypt.	2019	2023
Affiliate Member of the African Academy of Sciences (AAS).	AAS	2020	2024
Member of the Arab German Young Academy of Sciences and Humanities (AGYA)	AGYA	2020	2025
TWAS Young Affiliate	TWAS	2021	2026
Member of the Council for Future Studies and Risk Management	ASRT, Egypt.	2021	Present
Member of the Organization for Women in Science for the Developing World (OWSD)	UNESCO	2024	Present
Member of The Egypt-US Exchange Alumni Council	Egypt U.S. Exchange Alumni Council	2025	2026
Member of IEEE CASS Digital Communications Standing Committee	IEEE Circuits and Systems Society (CASS)	2025	2026
Member of The American Association for the Advancement of Science (AAAS)	AAAS	2025	Present
Member of IEEE Sensors Council Collaboration and Engagement Committee	IEEE Sensors Council	March 2026	Present
WISE Committee Coordinators	IEEE Systems Council community	March 2026	Present
Member, IEEE Sensors Council Chapter Engagement Committee	IEEE Sensors Council	March 2026	Present
Member, IEEE CIS Intelligent Systems Applications Technical Committee (ISATC)	IEEE CIS Society	April 2026	Present
Member of the Global Young Academy (GYA)	GYA	June 2026	Present

Leadership Positions

Position	Institution	Interval	
		Start	End
Co-Chair of the Egyptian Young Academy of Science (EYAS)	ASRT, Egypt.	Oct. 2020	Oct. 2023
Co-Director of the Nanoelectronics Integrated Systems Center (NISC)	Nile University	Sep. 2021	May. 2024
Director of Microelectronics System Design (MSD)	Nile University	Sep. 2021	Present
Vice-Chair of Technical Chapters, IEEE Egypt Section	IEEE Egypt Section	Jun. 2022	Present
Member in Charge of the AGYA Working Group 'Energy, Water, and Environment'	AGYA	Nov. 2022	Dec. 2022
Member in Charge of the AGYA Working Group "Arab and German Education"	AGYA	Nov. 2022	Dec. 2022
Elected Steering Committee Member of the Arab German Young Academy of Sciences and Humanities (AGYA)	AGYA	Nov. 2022	Nov. 2024
Elected co-president of the Arab German Young Academy of Sciences and Humanities (AGYA)	AGYA	Nov. 2023	Nov. 2024
Vice Chair of the IEEE System Council Egypt Chapter	IEEE Egypt Section	Jan. 2024	Nov. 2025
Chair of the Computational Intelligence Egypt Chapter	IEEE Egypt Section	Mar. 2024	Present
Member in Charge of the AGYA Working Group "Innovation"	AGYA	Nov. 2024	Nov. 2025
Advisory board Member of the Skills and Employability Enhancement Center (SEEC).	Nile University	Dec. 2024	Present

Executive Board member of the OWSD	Organization for Women in Science for the Developing World (OWSD)	Nov.2025	Present
IEEE Africa Council Secretary	IEEE	Jan 2026	Present

Industrial Experience

- 2012** Mentor Graphics.
Vodafone Egypt.
- 2006** Egyptian Television.
Egypt Telecom.

University Courses Taught

Digital Logic Design (DLD). Circuits I. Electronic circuits for electronics. Math 203 for engineering. Numerical analysis.	Integrated circuit design (ICs). Circuits II. Electronic circuits for mechatronics. Math 301 for engineering. Directed Study: Fractional-order Systems (Postgraduates) Fundamentals of Research (Postgraduates)
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Research Areas

- | | |
|---|--|
| 1-Hardware Accelerators and FPGA IP-cores | 2-Machine Learning Algorithms. |
| 3-Fractional order circuits and systems. | 4- Chaos Theory and Nonlinear Systems. |
| 5- Smart Systems. | 6- Security and Encryption |
| 7-Renewable energy | 8-wastewater treatment and Smart agriculture |

Publication Distribution over the years

Year	2010	2011	2012	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Books	-	1	-	-	-	-	-	-	-	-	3	-	1	-	-	-
Conf.	1	1	1	5	3	2	10	9	18	9	8	6	10	5	9	1
Journals	-	1	-	-	1	3	5	4	14	16	12	13	15	14	9	4
Chapters	-	-	-	-	-	-	-	6	-	2	4	-	2	3	-	1
Total	1	3	1	5	4	5	15	19	32	27	27	20	28	22	18	6+

Editorial Board Membership

Journal /Publisher	Role	Link	Year
Electronics/MDPI	Editorial Board member	Link	2022
AEU - International Journal of Electronics and Communications/ Elsevier	Editorial Board member	Link	2022
Flexible Electronics / Frontiers in Electronics	Associate Editor	-	2022-2026
Frontiers in Applied Mathematics and Statistics - Dynamical Systems	Review Editor	Link	2023
Machine Learning and Knowledge Extraction/MDPI	Editorial Board member	Link	2026

H-Index

Google Scholar	38	https://scholar.google.com/eg/citations?user=4PdGRUGAAAAJ&hl=en
Scopus	37	https://www.scopus.com/authid/detail.uri?authorId=36740094700

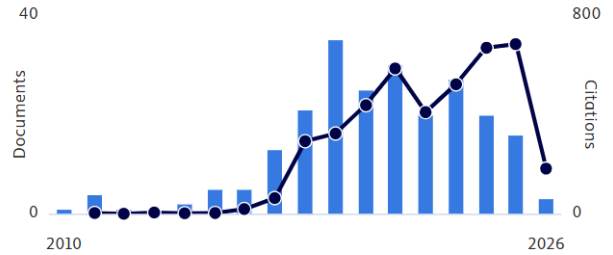


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4,195 Citations by 2,719 documents 228 Documents 37 h-index



The total impact factor of the published journals

#	Journal Title	No. of Papers	Impact Factor	Sum of IF
1	AEU - International Journal of Electronics and Communications	15	3.2	48
2	IEEE Access	13	3.6	46.8
3	Circuits, Systems, and Signal Processing	7	2.0	14
4	Electronics (Switzerland)	6	2.6	15.6
5	Microelectronics Journal	6	2.3	13.8
6	Analog Integrated Circuits and Signal Processing	4	1.4	5.6
7	Chaos, Solitons and Fractals	4	5.6	22.4
8	Current Research in Green and Sustainable Chemistry	3	0	0
9	IEEE Transactions on Circuits and Systems I: Regular Papers	3	5.2	15.6
10	International Journal of Circuit Theory and Applications	3	1.6	4.8
11	Ain Shams Engineering Journal	2	5.9	11.8
12	Arabian Journal for Science and Engineering	2	2.9	5.8
13	Case Studies in Chemical and Environmental Engineering	2	0	0
14	Digital Signal Processing: A Review Journal	2	3.0	6
15	Journal of Advanced Research	2	13.0	26
16	Multimedia Tools and Applications	2	0	0
17	Scientific Reports	2	3.9	7.8
18	Applied Soft Computing Journal	1	6.6	6.6
19	Computers	1	4.2	4.2
20	Energies	1	3.2	3.2
21	Engineering Applications of Artificial Intelligence	2	8.0	16
22	Fractal and Fractional	1	3.3	3.3
23	Fractals	1	2.9	2.9
24	Franklin Open	1	0	0
25	IEEE Open Journal of Circuits and Systems	1	2.4	2.4
26	IEEE Sensors Journal	1	4.5	4.5
27	IEEE Transactions on Circuits and Systems II: Express Briefs	1	4.9	4.9
28	International Journal of Bifurcation and Chaos	1	2.3	2.3
29	Journal of Circuits, Systems and Computers	1	1.0	1
30	Journal of Engineering and Applied Science	1	0	0
31	Journal of Real-Time Image Processing	2	3.0	6
32	Knowledge-Based Systems	1	7.6	7.6
33	Macromolecular Symposia	1	0	0
34	Materials Research Express	1	2.2	2.2
35	Nonlinear Dynamics	1	6.0	6
36	Results in Engineering	1	7.9	7.9
37	Sensors	1	3.5	3.5
38	Signal Processing	1	3.6	3.6

39	SN Applied Sciences	1	2.4	2.4
40	Topics in Catalysis	1	3.0	3
41	Internet of Things	1	7.6	7.6
42	International Journal of Intelligent Robotics and Applications	1	2	2
43	Machine Learning and Knowledge Extraction	3	6	18
44	Journal of Information Security and Applications	1	3.7	3.7
45	Journal of Cultural Heritage	1	3.3	3.3
The sum of Impact Factors				372.1

Graduation Projects

Year	Title	Num. of Students
2018-2019	Breast Cancer Detection Based on Bio-Impedance	1
2019-2020	Speaking Glove for the Deaf and Dumb	2
2021-2022	Tumor Detection Using Image Processing and Machine Learning	2
2022-2023	Road damage detection in Advanced Driver Assistance Systems (ADAS)	1
2022-2023	Smart agriculture in the IoT era Farming+: Hydroponic vertical Greenhouse Using IoT	3
2024-2025	Intelligent Agrometeorological Weather Station for enhancing agricultural practices & mitigating Climate Change	5
2023-2024	Water Quality Monitoring System using IOT	2
2025-2026	AI-Powered Road Hazard Detection on a Raspberry Pi	2
2025-2026	A Federated Learning Framework with a Hybrid Vision Transformer for Privacy-Preserving Lung Tumor Segmentation	3

Postgraduate Research Activities: Number of graduates and current students

	Graduated	Current	Total
PhD	1	1	2
M.Sc.	22	13	35

PG. students (under my supervision) are still pursuing their degrees.

	Name	University
1	Mohamed El-Hady	MSc degree, MSD program, Nile University.
2	Samar Embaby	MSc degree, MSD program, Nile University.
3	Yasmeen Etman	MSc degree, MSD program, Nile University.
4	Yomna Gamal	MSc degree, MSD program, Nile University.
5	Hisham El Rafie	MSc degree, MSD program, Nile University.
6	Ghada Osama Mohamed	MSc degree, MSD program, Nile University.
7	Esraa Ahmed Abdelfattah	MSc degree, MSD program, Nile University.
8	Nermen Hassan Ali	MSc degree, MSD program, Nile University.
9	Zeinab Ashraf Hassaan	MSc degree, MSD program, Nile University.
10	Salma Hossameldin Zakzouk	MSc degree, MSD program, Nile University.
11	Salma Hossam Abdelwahed	MSc degree, MSD program, Nile University.
12	Anas Salah	MSc degree, MSD program, Nile University.
13	Rokaia Waleed Sabry	MSc degree, MSD program, Nile University.
14	Ahmed Ibrahim	PhD degree, Information Technology and Computer Science - Software Engineering, Nile University.

PG students (under my supervision) completed their degrees.

	Name	Thesis title	Degree	Thesis Outcomes	Program/ University	Date
1	Gehad Mostafa,	Oscillators Based on Memristors and Fractional Systems.	MSc.	1 Journal paper 1 Conference paper 1 Chapter book	MSD program, Nile University.	Feb. 2019
2	Esraa Hamed	Fractional Order Approximations of Filters and Memristive Emulators.	MSc.	2 Journal papers 3 Conferences papers Prof. Mostafa Ghanem Award	MSD program, Nile University.	Feb. 2019

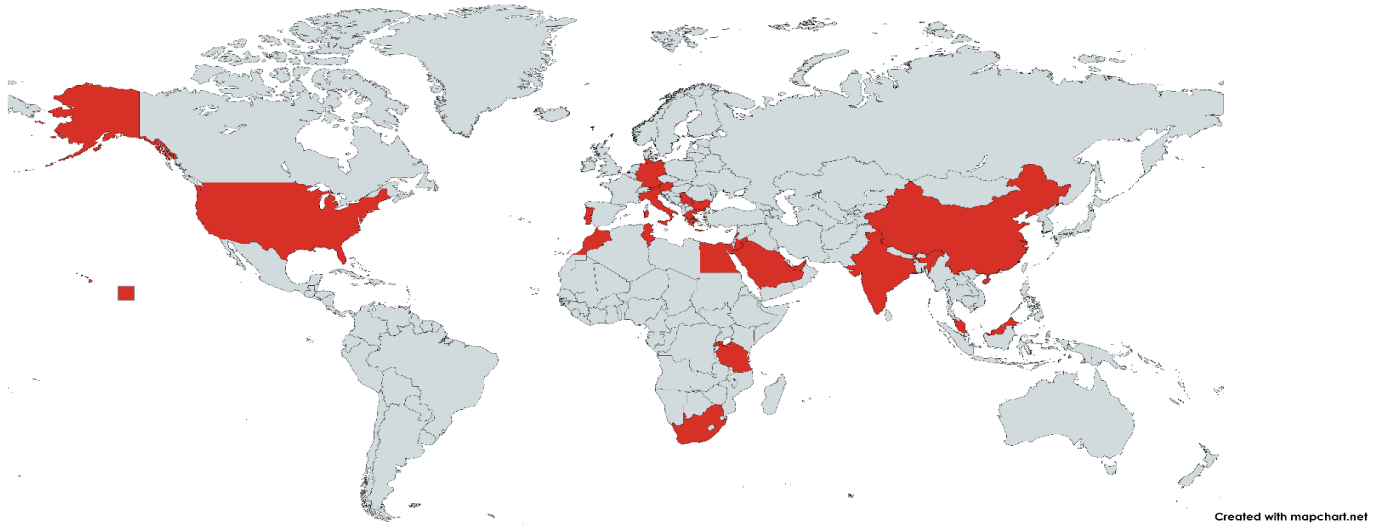
				(Best PG award from NU.)		
3	Omar Elwy	Fractional Order Oscillators Using Different Approximation techniques.	MSc.	4 Journal papers 1-Chapter book 1 Conference paper	MSD program, Nile University.	Feb. 2019
4	Nancy Soliman	Building Optimized Ternary Logic Circuits Based on Threshold Logic and Building Novel Digital Design Automatic Tool	MSc.	1 Journal paper 3 Conference papers Prof. Mostafa Ghanem Award (Best PG award from NU.)	MSD program, Nile University.	July 2019
5	Menna Mohsen	Modeling, Measurements, and Optimization of Biological Tissues.	MSc.	3 Journal papers 1 Conference paper 1 Chapter book	MSD program, Nile University.	Feb. 2021
6	Abdul Al Aziz Elsafty	FPGA Implementations of Fractional-Order Biological and Chaotic-Based Encryption Systems	MSc.	4 Journal papers 2 Conference papers	MSD program, Nile University.	Feb. 2021
7	Haneen Gamal	Memristor/ Inverse Memristor Emulators and Applications	MSc.	2 Journal papers, 1 conference paper	MSD program, Nile University.	Feb. 2021
8	Nariman A. Khalil	Applications of Fractional Order Elements and Mem-elements in Electronic Circuits	PhD.	4 Journal papers 8 Conference papers 1 Chapter book	Faculty of Engineering, Cairo University	Jan. 2021
9	Bahaa M. Mustafa	From fractals to fractional order systems: FPGA implementation, Optimization, and Applications	MSc.	4 Journal papers	MSD program, Nile University.	Feb. 2021
10	Mohamed Salah Ghoneim	Bio-impedance Measuring, Optimization, and Modeling based on fractional-order circuits	MSc.	2 Journal papers, 2 Conference papers.	MSD program, Nile University.	Feb. 2022
11	Merna Roushdy	Generic Hardware IP cores of fractional-order chaotic generator based on FPGA.	MSc.	3 Journal papers, 2 Conference papers	MSD program, Nile University.	Feb. 2022
12	Ahmed Ibrahim	A Reliable Firmware-Over-The-Air Architecture for Industrial Internet of Things	MSc.	3 Conference papers	Information Technology and Computer Science - Software Engineering, Nile University.	Feb. 2022
13	Ahmed Magdy	Fractional-order Analog Applications Using FPAA and Circuit Implementation	MSc.	2 Journal Papers, 2 Conference Papers	MSD program, Nile University.	Feb. 2023
14	Rawan Mohamed	Design of ternary arithmetic units and memories with CNTFET	MSc	1 Journal Paper, 1 Conference Paper	MSD program, Nile University.	July 2023
15	Sara Mostafa	Fractional-Order Complex Chaotic Systems: FPGA Implementation and Applications	MSc	6 Journal Papers Prof. Mostafa Ghanem Award (Best PG award from NU.)	MSD program, Nile University.	July 2023
16	Doaa Kamal	Ternary logic designs and In-Computing Ternary SRAM implementations using CNTFET	MSc	1 Journal Paper, 1 Conference Paper	MSD program, Nile University.	July 2023
17	Amr Ali	Design and Implementation of Ternary Systems Using CNTFET	MSc	2 Journal papers, one conference paper	MSD program, Nile University.	Feb. 2024

18	Ahmed Tarek	PV Modeling with MPPT using different optimization techniques	MSc	2 Journal papers and four conference papers	MSD program, Nile University.	July 2024
19	Ahmed Hosni	Verification of Machine Learning/Deep Learning Based Pedestrian Detectors	MSc	1 conference paper	MSD program, Nile University.	July 2024
20	Marwan Fteeha	FPGA Realization of Genetic Encoding and Digital Data Security Applications	MSc	1 Journal paper, 2 conference papers, one Chapter book	MSD program, Nile University.	Feb. 2025
21	Mohamed Hassan	Design and Implementation of Several Machine Learning Algorithms on FPGA: Techniques and Applications	MSc	4 Journal papers, three conference papers Prof. Mostafa Ghanem Award (Best PG award from NU.)	MSD program, Nile University.	Feb. 2025
22	Mohamed Atef	Development of a Fully Integrated Wearable System for Continuous Glucose and Vital Signs Monitoring	MSc	1 Journal paper	MSD program, Nile University.	July 2025
23	Mahmoud Farag	Fractional Order PID Controller Design: Approximations and Applications	MSc	2 Journal papers and four conference papers	MSD program, Nile University.	Feb. 2026

Awards and Fellowships

#	Award	Granting year
1	Best paper award (electronic section) at the MOCASST Conference, Thessaloniki, Greece, 2017.	2017
2	Excellence Award from the Center for the Development of Higher Education and Research for 2016	2019
3	Dr. Hazem Ezzat Prize for the Outstanding Researcher, NU for 2018/ 2019.	2019
4	Best Thesis Supervisor for the M.Sc. student Esraa Hamed, Nile University, for 2018.	2019
5	The 2 nd Place Best Paper Award Prize in ICM Conference, Jordon 2020	2020
6	The State Encouragement Award 2019 in the field of engineering science.	2020
7	Dr. Hazem Ezzat Prize for the Outstanding Researcher, NU for 2019/ 2020.	2020
8	Top 2% Scientists for 2019 (Link)	2020
9	Top 2% Scientists for 2020 (Link)	2021
10	The 2021 IEEE Outstanding Branch Counselor & Branch Chapter Advisor Award (Link)	2021
11	The 2 nd Place Best Paper Award in the ICM Conference, Morocco 2022	2022
12	The 2022 Junior Faculty Development Program (JFDP), Fulbright	2022
13	Top 2% Scientists for 2021 (Link)	2022
14	Africa Science Leadership Programme (ASLP) fellowship, The University of Pretoria, and the Global Young Academy, with the support of the Robert Bosch Stiftung	2023
15	The 2 nd Place Best Paper Award in the ICM Conference, United Arab Emirates, 2023	2023
16	Best Paper Award from The International Conference of Machine Intelligence and Smart Innovation (ICMISI'2024)	2024
17	2025 U.S.-Africa Frontier Fellowship	2025
18	Top 2% Scientists for 2024 (Link)	2025

International Cooperation and Exposure



I collaborate with other professors outside of Egypt in interdisciplinary research areas, including bio-impedance and optimization, fractional calculus, fractional-order circuits and systems, chaos theory, and their applications. Some of these professors are:

- 1) **Prof. Dr. Ahmed El-wakil:** Department of Electrical and Computer Engineering, University of Sharjah, PO 27272.
 - 2) **Dr. Brent Maundy:** Department of Electrical and Computer Engineering, University of Calgary, Alberta, Canada.
 - 3) **Prof. Costas Psychalinos:** Division of Electronics and Computers (Department of Physics), Pátra, Greece.
 - 4) **Prof. Karabi Biswas:** Indian Institute of Technology, Kharagpur, West Bengal 721302, India
 - 5) **Prof. Thomas Connolly,** Director of Teaching Assistant Certification, Adjunct Faculty (Aerospace Engineering & Engineering Mechanics), The University of Texas at Austin
 - 6) **Prof. Nina Telang,** Associate Professor of Instruction at Dept of Electrical & Computer Eng., UT Austin.
- ❖ **Participation in COST Actions Training School (Italy):** Fractional-order controllers: from Theory to Application 2017 in Italy, Catania, where I had international experience. I have worked closely with some world experts in fractional order control.
 - ❖ **Participated in the “Sustainable Development for Engineers” training** at StadtLABOR GmbH in **Graz** in October 2018. The training forms an integral part of the joint ERASMUS+ project E-Prof-Eng. <https://www.elab.edu.eg/> Under the ERASMUS+ Program.
 - ❖ **Attending the 2022 Junior Faculty Development Program (JFDP), a Fulbright grant in The University of Texas at Austin:** The 2022 Fulbright Junior Faculty Development Program brings young faculty members from Egypt to US institutions for faculty development, mentoring, and cultural exchange activities in Renewable Energy and Engineering and Information Technology from the end of June till mid-September 2022. During this 10-week program, faculty members are introduced to new teaching and research methods, observe classes, attend seminars, and develop linkages with American faculty through weekly mentoring sessions. In addition, ongoing community engagement with university-identified host families, volunteers, or the broader local community would facilitate the scholars’ participation in outreach activities, including visits to historical sites and cultural events.

- ❖ **An affiliate member of The African Academy of Sciences (AAS):** AAS is a non-aligned, non-political, not-for-profit African organization whose vision is to see transformed lives on the African continent through science. Identifying AAS Affiliates is highly competitive, and I was one of 40 individuals selected from 300 applicants across Africa. The purpose of the AAS Affiliates Membership is to support the professional growth of young African and early-to-mid-career scientists as they develop into outstanding research leaders in their respective fields.
- ❖ **Alumna of the Arab German Young Academy of Sciences and Humanities (AGYA).** It brings together excellent Arab and German scholars to address common challenges and develop solutions through sustainable research cooperation. AGYA has only 51 members and 106 alumni, all highly selected scholars from 22 Arab countries and Germany. The academy members implement joint research projects and initiatives at the interface of science and society, focusing on education, innovation, and science policy.

Directed Study Master Course: Fractional-Order Circuits and Systems

- I developed a course involving interdisciplinary research points for postgraduate students in fractional-order circuits and systems.
- Contributors in this course from the top universities worldwide in research projects within the course scope, such as India, Greece, and the USA
- The PG students would publish conferences, journals, or book chapters with these contributors.
- We could create a research-based course that will enable PG students to stay on track to pursue their master's.
- The PG students will learn state-of-the-art fractional-order circuits and systems, simulations, toolboxes, scientific writing, and research qualities.
- The outcomes of this course include five journal papers, seven conference papers, and two-chapter books.

Undergraduate Projects and the Undergraduate Research Forum (UGRF) in brief (2017-2020)

The Undergraduate Research Forum (UGRF), held at NU (Link), is an opportunity for NU undergraduate students to present the research-related activities and projects they undertake as part of their coursework, which are showcased in the form of scientific reports, posters, and even prototypes (if possible). It is the top event on the university calendar, and **I was the head of its organizing committee from 2017 to 2020**. Participation in this event provides students with unique opportunities to experience real-world research conferences. In addition, it provides strong motivation for them to pursue further research and innovation.

Academic Administrative Work.

Administrative work	From	To
Participation in the three open houses with a talk about the undergraduate research forum.	2016	2018
Member of the committee developing the postgraduate regulation manual at Nile University.	2016	present
Member of the committee for course equivalence at Nile University,	2016	present
Member of the Hiring Committee for new Teaching Assistants (TAs) in Electronic and Computer Engineering and Basic Sciences programs.	2016	present
The RAs Hiring Committee in the NISC center, which is responsible for hiring new research assistants in the NISC center at Nile University	2016	present
Supervising the NISC Facebook page and managing to increase the followers so far	2016	present
Head of the Undergraduate Research Forum (UGRF) Organizing Committee at Nile University	2017	2020
Member of the TQM Committee and process at NU	2018	2019
Head of undergraduate academic and extracurricular activities and competitions	2018	present
Member of the Research, Innovation, and Development Committee (RIDC), Nile University, Egypt	Oct. 2021	Sep. 2022

Chair of the Committee for TA Administrative and Financial Status Development, Nile University, Egypt	Sep. 2022	Present
Coordinator of the Egyptian Scholars Abroad Committee, Nile University, Egypt	Nov. 2022	present
Member of the School of Engineering and Applied Sciences Quality Board	Jan. 2024	Present

Organization of Special Session in a conference or Special Issue in a Journal

Special Session/Issue Title	Conference/Journal name	Year
Memristor & Nonlinear Systems	The Novel Intelligent and Leading Emerging Sciences Conference, Egypt (NILES 2020),	October 2020
Fractional-order Circuit Theory and Applications	The Novel Intelligent and Leading Emerging Sciences Conference, Egypt (NILES 2021),	October 2021
Memristive Circuits and Applications	The 33rd International Conference on Microelectronics, Egypt (ICM 2021)	December 2021
Chaos and Complexity in Fractional Order Systems and Their Applications	Entropy (ISSN 1099-4300), (Link)	October 2023- April 2024
Artificial Intelligence and Its Applications in Agriculture Technology	the 6th International Conference on Digital Technologies and Applications – Global (ICDTA-Global 2026).	October 9–10, 2026
Artificial Intelligence for Signal, Image, and Multimodal Data Processing: Algorithms, Models, and Knowledge Extraction	Machine Learning and Knowledge Extraction (MAKE)	October 26, 2026

Scientific Tutorials, Workshops, invited lectures, and presentations.

Title	Type of talk and event	Date and location
“Fractional-Order circuits and systems”	Tutorial in the 28th IEEE International Conference on Microelectronics (ICM 2016),	Dec 2016, Cairo, Egypt
“Overview of bio-impedance in the food industry”	Workshop on “Advanced Bio-impedance Modeling Using Fractional Calculus”	June 2017 Nile University, Egypt
“Bio-impedance from theory to application: An Introduction.”	Workshop on “Digital agriculture using Bio-impedance sensors.”	October 2019 Nile University, Egypt
“An Overview of Fractional-Order Calculus Application in Electrical Engineering”	Workshop on “fractional Order systems (FOS’20)” (Link)	February 2020 Indian Institute of Technology, Kharagpur (IITKGP), India
“Fractional-Order Calculus Applications in Electrical Engineering”	1st International (ONLINE) Conference in Mathematical Sciences and Fractional Calculus	16 – 18 Feb. 2021, Online Via Zoom
“New Trends in Fractional-Order Circuits and Systems”	The 19th International Conference on Aerospace Sciences & Aviation Technology (ASAT-19)	7 April 2021, Online Via Zoom
“New Era in Fractional-Order Circuits and Systems”	Workshop on “Women in Science and Engineering”	6 November 2021, Online Via Zoom
“From the fundamentals of fractional calculus to applications in electrical engineering.”	The 3rd International Conference of Electrical Engineering and Information Technology, ICEEIT 2022, Benghazi, Libya	30 October 2022, Online Via Zoom
guest speaker in the talk session ‘Green Hydrogen, Energy Transition & the Future of STEM Education in the Arab Region and Germany.’	‘COP27 – Conference of the Parties of the United Nations Framework Convention on Climate Change	10 November 2022, Sharm El-Sheikh (Egypt)
Bioimpedance Measurements, Modeling, and Applications in Plants	International Workshop of the Arab German Young Academy of Sciences and Humanities (AGYA), titled “Traditional and Alternative Medicine Practices in Zanzibar.”	4-8 September 2023, Zanzibar University, Tanzania
Fundamentals of Research	IEEE Egyptian Student Paper Contest - ESPC	10 November 2023, Arab Academy for Science, Technology & Maritime Transport (AAST), Alexandria
Research versus Community	Meeting for Electrical Engineering professors	15 February 2024, Princess Sumaya University for Technology, Amman, Jordan
Climate Change and Sustainable Agriculture: Bio-impedance & Smart Greenhouse Solutions	International Workshop of the Arab German Young Academy of Sciences and Humanities	21 – 22 February 2024, Ras Al Khaimah, UAE

	(AGYA), titled “Interdisciplinary Solutions for a Sustainable Future.”	American University of Ras Al Khaimah (AURAK)
Bioimpedance Measurements: Principles, Techniques, and Emerging Applications	ICDTA’24 International Conference on Digital Technologies and Applications	10-11 May,2024, BENGUERIR, MOROCCO
Towards High-Speed Energy Efficient Solutions: Hardware Acceleration of High-Performance Computational Applications	The 2nd International Conference on Mathematical Modeling in Mechanics and Engineering, ICME2024,	September 12-14, 2024, Belgrade, Serbia.
Research Versus Community: Connecting to Identity	Workshop, "Researchers Take the Stage" (Science Popularization).	September 24 to 27, 2024, the University of Sousse, Tunisia
Smart Agriculture in the Era of IoT	DAAD workshop “The Internet of Things with Sustainable Smart Sensor Systems (IoT-4S)”	30 November to 4 December 2024 German University in Cairo, Egypt.
Research Versus Community: A worldwide perspective	Workshop of “Engineering the Future: From Data to Design” hosted by WIE Branch Chapter, NIT Meghalaya	20-24 May 2025 (online)
The Application of Circuits and Systems in Agriculture	IEEE CASS Seasonal School in “Interdisciplinary Applications of Circuits & Systems”	October 16-17, 2025, at the University of Patras, Greece (online)
Data Analysis and Data Modeling	Workshop of “Water Quality Management System” as part of the NILES2025 & SMART2025 International Conferences	25-27 October 2025 Nile University, Egypt
Hardware Accelerators of High-performance Computational Algorithms	The Fulbright-Egypt Annual Alumni Conference	November 24, 2025
FPGA-Driven Machine Learning for High-Stakes Prediction in Financial Systems	The webinar of MDPI's Journal Cluster of Electronic Engineering and Hardware Systems Integrated Circuits and Systems for Next-Generation Communication.	April 16, 2026
Securing the WEF E Nexus: Virtual Sensing and Edge Intelligence in Next-Generation Water Monitoring	4Th edition of the international conference i2cnp 2026	April 28-29, 2026

Public Service Tutorials, Workshops, invited lectures, and presentations.

Talk/Discussion Title	Type of talk and event	Date and location
“Overview of The Egyptian Young Academy of Science (EYAS)”	Workshop on “Bridging the gap between academia and industry.”	12 October 2020, Online Via Zoom
“Open Discussion on Women in Science (Europe and Eastern Women)”	1st International (ONLINE) Conference in Mathematical Sciences and Fractional Calculus	16 – 18 Feb. 2021, Online Via Zoom
“The Egyptian Young Academy of Science (EYAS): Science and Policy”	Workshop on “Science policy and international young academics.”	13 March 2021, Online Via Zoom
“Job market needs vs. current situation of graduates' competencies in Egypt and MENA region: the problems, the needs, and recommended solutions.”	Get talent Hackathon	March 7, 2023, online
"The Academy of Tomorrow – Many routes, many futures"	Public Panel Discussion organized by the Arab German Young Academy of Sciences and Humanities	14 March 2023, at the German National Academy of Sciences Leopoldina, Germany
Assessing Gender Discrimination of Women in STEM: Survey Results	A workshop on “Women in STEM - Exploring Working Environments.”	14 – 15 January 2024 at Nile University, Egypt
“EWiEST: Empowering Women and Girls in Engineering, Science, Technology and Leadership” “Envision the Future with a Smarter & more Inclusive World” (Link)	A workshop and panel discussion with a partnership of IEEE Women-in-Engineering - Egypt Section (IEEE Egypt WIE) at the 2024 INTERNATIONAL CONFERENCE ON MACHINE INTELLIGENCE AND SMART INNOVATION (ICMISI2024)	Monday, 13th May 2024, at the Arab Academy for Science, Technology & Maritime Transport, Alexandria

“Women Empowerment and Leadership in E-health,” (Link)	Panel discussion at The 14th INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING (ICEENG-14)	21 May 2024, at the Military Technical College, Cairo, Egypt
Science for People: Ethics, Trust, and Public Engagement	Panel Discussion at the launch event of The UNESCO Report: “Towards a Human-Centered Scientific Culture in the Arab World: From Crisis-Driven Science to Visionary Renewal”	29 October 2025 in Cairo, Egypt, Nile University

Science Tribute to the Society Workshops Series entitled “Navigate Information and Science to Community (NISC)”.

Workshop name	Date and location
Smart Agriculture in the Internet of Things Era	1 April 2021, Online workshop through Zoom with a Link
Two-Port Fractional-Order Oscillators and Filters Suitable for Tissue Modeling	17 June 2021, Online workshop through Zoom with a Link
Smart and Connected Systems: the gateway to a sustainable future	23 June 2022, at NU Campus

Organization /Technical program committee of Conferences, Workshops

Year	Conference/workshop name	Role
2016	The 28 th IEEE International Conference on Microelectronics, Egypt (ICM 2016), December 2016	Member of the organization committee
2017	Advanced Bio-impedance Modeling Using Fractional Calculus Workshop at Nile University, July 2017	Member of the organization committee
2019	The 4 th International Conference on Advances in Computational Tools for Engineering Application, Lebanon, Jul. 03 - 05, 2019. (ACTEA 2019),	Session Co-chair for Bioengineering
	The 31 st IEEE International Conference on Microelectronics, Egypt (ICM 2019), December 2019	Publication Co-chair
	The Novel Intelligent and Leading Emerging Sciences Conference, Egypt (NILES 2019), October 2019	Member of the organization committee
	Digital Agriculture Using Bio-impedance Sensors Workshop at Nile University, October 2019	Publication Co-chair
2020	The Novel Intelligent and Leading Emerging Sciences Conference, Egypt (NILES 2020), October 2020	Member of the organization committee
		Publication Co-chair
2021	The 30 th International Conference of the International Association of Management of Technology (IAMOT), September 2021	Session Chair
	The Novel Intelligent and Leading Emerging Sciences Conference, Egypt (NILES 2021), October 2021	Virtual sessions co-chair Session Co-Chair for Nonlinear Systems
	The 2nd NRC International Conference on Science and Sustainable Development (ICSSD2021)	Member of the Students Committee
2022	“Future Technology of Smart Agriculture” Workshop at Nile University, 1 st March 2022	Chair of the organization committee and workshop host
	“International Day of Women in Mathematics”	Member of the Organization Committee
	The Novel Intelligent and Leading Emerging Sciences Conference, Egypt (NILES 2022), October 2022	Plenary Talk co-chair Organizing Committee Chair
	The 11th International Conference on Model and Data Engineering (MEDI 2022)	Session Co-chair for Modeling

	The 3rd International Conference for Future Studies and Risk Management (ICFSRM 2022)	Member of the Organization Committee	
2023	The Third International Nonlinear Dynamics Conference, Rome (NODYCON 2023), June 2023	Session Co-chair for Fractional-Order Session Co-chair for Chaotic Systems	
	The Novel Intelligent and Leading Emerging Sciences conference, Egypt (NILES 2023), October 2023	Member of the organization Committee and Tutorials Co-Chair	
	International Conference on Electrical, Computer and Energy Technologies, Cape Town, South Africa (ICECET), November 2023	Member of the Scientific Committee	
	Workshop “From Theory to Device: Advancements in Fractional Calculus and Implementations,” in the 5th edition of the Novel Intelligent and Leading Emerging Sciences Conference (NILES2023), October 2023.	Member of the organization Committee and workshop host	
	The 2 nd International Conference on Mathematical Modeling in Mechanics and Engineering ICME2024	Member of the International Scientific Committee	
	The 2024 IEEE International Conference on Machine Intelligence and Smart Innovation (ICMISI 2024)	Member of the Organization Committee	
	14th International Conference on Electrical Engineering (ICEENG)	One of the Electronic Devices & Circuits Track Chairs	
	Workshop & Training “Women in STEM - Exploring Working Environments”, 14-15 Jan 2024	Member of the Organization Committee	
	The 2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering, 19 – 21 May 2024, Tripoli – LIBYA	Member of the International Ambassadors	
	The Sustainable Multidisciplinary Advanced Research Trends Conference (SMART). 1st - 3rd July 2024.	International Publicity Co-chair	
2024	The 6th Novel Intelligent and Leading Emerging Sciences Conference (NILES 2024), October 2024	Member of the organization Committee and Tutorials Co-Chair	
	Workshop “Collecting as Cultural Practice: Collecting Cultures and Object Itineraries in Eurasia and the MENA Region,” May 2024	Member of the Organization Committee	
	Workshop “ Embedded Systems: Applications in the Automotive Area,” September 2024	Member of the Organization Committee	
	Workshop “Stories Beyond a Single Perspective”05-07 November 2024	Chair of the Organization Committee	
	Workshop “Green Horizons: An Initiative for Sustainable Land Management and Renewable Energy Integration to Combat Desertification,” December 2024	Member of the Organization Committee	
	Workshop “Climate Change and Cultural Heritage – Global Issues, Global Perspectives,” December 2024	Member of the Organization Committee	
	Workshop “One Community Embracing All Voice,” December 2024	Chair of the Organization Committee	
	Workshop “Improving Water Quality in the Middle East and North Africa,” December 2024	Member of the Organization Committee	
		The 2025 IEEE International Conference on Machine Intelligence and Smart Innovation (ICMISI 2025), May 2025	Member of the Organization Committee
		15th International Conference on Electrical Engineering (ICEENG), May 2025	The electronic track chair
2025	The 2025 IEEE PES/IAS Power Africa Conference, September 2025	Co-Chair of non-paper sessions	
	The 7th Novel Intelligent and Leading Emerging Sciences Conference (NILES 2025), October 2025	Member of the organization Committee , Tutorials Co-Chair, and Session Chair	
	The 38th IEEE International System-on-Chip Conference (SOCC 2025), October 2025	Technical Program Committee Member	
	The 32nd IEEE International Conference on Electronics, Circuits and Systems (ICECS 2025), November 2025	Technical Program Committee Member	

	The 7th International Conference on Computer and Applications (IEEE/ICCA'25), December 2025	Technical Program Committee Member
	The International Conference on Engineering Advancements, Science and Technology (ICSETS2025)	International Committee Member
	Workshop “Sustainable Farming in the Digital Age: Monitoring, Analytics, and Action for Climate Resilience” December 2025	Member of the organization Committee
	IEEE CASS seasonal School “Hardware Meets Algorithm – Building and Automating AI Accelerators.”	School Digital Communication Chair
	IEEE 23rd Mediterranean Electrotechnical Conference (MELECON 2026), Feb 2026	Member of the organization Committee and Conference Secretary
	The Arab Conference on Artificial Intelligence, Information and Communication Technologies, and Space (Arab ICST Conference 2026), April 2026	Technical Program Committee Member
	The International Conference on Artificial Intelligence, Systems, and Emerging Technologies (ICAISSET 2026), April 2026	Technical Program Committee Member
2026	The 16th ICEENG International Conference for Innovation in Intelligent Computing and Cybersecurity (IICC 2026), May 2026	Member of the organization Committee and Steering Committee Member
	2026 IEEE 18th International Conference on Solid-State and Integrated Circuit Technology (IEEE ICSICT 2026), October 2026	Regional Chair and Publication Committee Co-Chair
	5th IEEE International Multidisciplinary Conference on Engineering Technology IMCET 2026	International Coordinator
	The 2026 IEEE International Conference on Machine Intelligence and Smart Innovation (ICMISI 2026), May 2026	Member of the organization Committee
	The 8th Novel Intelligent and Leading Emerging Sciences Conference (NILES 2026), October 2026	Member of the organization Committee ,

Organization /Hosting of Public Service Workshops

Workshop Title	Details	Role
The Engineering Skills Development Seminar	11 March 2021 , an Online workshop through Zoom with Link aims to boost the students' understanding and lighten their way to a professional career. The workshop aims to equip students with the essential skills to achieve their goals and prepare for the market.	Organizing Member and workshop host
Grants, Mission, and Education in Canada	11 April 2021: An online workshop through Zoom aims to inform young researchers about universities in Canada, available scholarships, and the personal grants provided by the Canadian government.	Organizing Member
How to be Positive in Difficult Times	13 July 2021 , Online workshop through Zoom with Link	Organizing Member and workshop host
The series “ Towards an Interdisciplinary Science ” aims to promote an interdisciplinary research culture in Egyptian society and build researchers' capabilities to support the integration of research.	“ Interdisciplinary Research in Egyptian Universities ” aims to present the results of the questionnaire prepared by the “Interdisciplinary Research Group” at EYAS about <ul style="list-style-type: none"> The Egyptian researchers' vision of interdisciplinary research and the extent of their willingness to participate in research and projects of a multidisciplinary nature. The status of interdisciplinary research in Egyptian research institutions and the motivating or discouraging factors for this type of research. The extent to which Egyptian research institutions encourage and support multidisciplinary research, whether with financial support or awareness training courses. The extent to which current promotion regulations encourage interdisciplinary research 	Organizing Member and workshop host
	14 July 2021 , Online workshop through Zoom with Link	
	“ A Step Forward for Interdisciplinarity ,” a two-day workshop, presents Interdisciplinary Research: Challenges and Solutions, How to Create Impact via Interdisciplinarity Initiatives, Stakeholder Engagement in Interdisciplinary Research, and System Conceptualization and Mapping for Healthcare. August 1 st and 2 nd , 2021, Online workshop through Zoom with Link	
	“ Showcase Examples of Interdisciplinary Success ” presents real examples of interdisciplinary research and projects that have been implemented. They transfer	

	experiences and lessons learned from them to researchers to enhance and build their capabilities in this field, encouraging them to cooperate in interdisciplinary research. 21 August 2021, Online workshop through Zoom with Link	
	“ Toward Full-Smart Implantable and Healthcare Devices ” represents the interdisciplinarity between engineering sciences and the medical sector. 30 November 2021, Online workshop through Zoom with Link	
The “ Road to Leadership ” series aims to promote the culture of Academic leadership in Egyptian society and build researchers' capabilities to be future leaders.	“ Road to Leadership in the Academic Career ” introduces academic leadership styles and the importance of building a network of relationships by presenting personal experiences of successful models. 5 May 2022, Online workshop through Zoom	Organizing Member
	“ Five Fatal Presentation Mistakes and How to Avoid Them ” introduces the essential elements of effective presentation skills and highlights key areas to avoid. 7 July 2022, Online workshop through Zoom	

Funded International Training Directed to Community, Outreach, and international collaboration between NU And Universities from Arab and German Countries

Workshop & Training for Graduates' Practical Training on Academic and Professional Skills for Entry into the Labor Market, organized and funded by the Arab German Young Academy of Sciences and Humanities (AGYA). The training has a hybrid character, combining an online workshop with an intensive on-site training course. The workshop's objective is to enhance the practical skills of graduates and increase their capacity to compete at both industrial and academic levels, both nationally and internationally. In addition, it will equip them with essential soft and social skills, preparing them for the fast-evolving academic and professional community and the labor market.

The following topics will be included:

- Enhancing the marketability skills of students.
- Interview skills and resume writing.
- Scholarship application strategies.
- Research Skills and Academic Career.
- Understanding Entrepreneurship Startups’ Roadmap.
- Leadership and Entrepreneurial skills

Dates	Summary of the Online Phase	Summary of the onsite phase	Partners
September-October 2021	Seventy-four participants from over 460 applications were selected to participate in the online workshop. They have diverse disciplinary backgrounds and come from Algeria, Egypt, Jordan, Libya, Morocco, Palestine, and Nigeria.	It occurred in three cities (Cairo, Gaza City, and Hebron) in two countries, involving more than 50 selected Participants, led by Specialized Training teams.	Academy of Scientific Research and Technology (ASRT), the Islamic University of Gaza (IUG), Nile University, and the Palestine Polytechnic University (PPU).
September-October 2022	We received over 2,000 applications from 14 Arab countries. Following the screening, over 500 participants attended a three-day online training session, delivered by experienced invited speakers.	The onsite training is conducted in 4 Arab countries (Giza, Benghazi, the West Bank, and Gaza), and it includes 100 participants, with 25 participants per city.	The Academy of Scientific Research and Technology (ASRT), Egypt; Islamic University of Gaza (IUG), Palestine; Nile University (NU), Egypt; Palestine Polytechnic University (PPU), Palestine; and University of Benghazi,
Sept 2023 - Jan 2024	We received 1,045 applications from various Arab countries, and a screening process resulted in a list of over 150 participants who attended the two-day online training, delivered by experienced speakers in different fields.	The onsite training was organized in five countries: Egypt, Libya (with two hubs), Lebanon, Palestine, and Germany, involving 120 participants, with 20-30 participants per country.	Academy of Scientific Research and Technology (ASRT), Islamic University of Gaza (IUG), Palestine Nile University (NU), Egypt Palestine Polytechnic University (PPU), Palestine University of Benghazi, Libya

Service Activities

1. **Vice-Chair** of the IEEE Computational Intelligence Egypt Chapter 2018-2024.
2. **Co-Chair** of the IEEE WIE in the IEEE CAS Egypt Technical Chapter, 2021
3. **Counselor of the** IEEE NU student branch, 2018-present.
4. **Technical program committee member** for the 28th IEEE International Conference on Microelectronics (ICM 2016), Cairo, Egypt.
5. **A reviewer** in many respected **journals, such as:**

#	Journal name	Publisher
1	International Journal of Electronics and Communications	Elsevier
2	Journal of Microelectronics	Elsevier
3	Applied Mathematics and Computation	Elsevier
4	Optics and Lasers in Engineering	Elsevier
5	Journal of Franklin Institute	Elsevier
6	Journal of Information Security and Applications	Elsevier
7	Journal of Advanced Research	Elsevier
8	Journal of Food Engineering	Elsevier
9	Journal of Circuits, Systems & Signal Processing	Springer
10	Nonlinear dynamics	Springer
11	Arabian Journal for Science and Engineering	Springer
12	IEEE Microwave and Wireless Components Letters	IEEE
13	IEEE Access	IEEE
14	IET Circuits, Devices & Systems	IET
15	International Journal of Circuit Theory and Applications	Wiley
16	Sensors	MDPI
17	Fractal and Fractional	MDPI
18	Electronics	MDPI

6. **A reviewer** at many respected **conferences, such as:**
 - a. International Conference of Micro-Electronics ICM
 - b. The International Conference on Modern Circuits and Systems Technologies (MOCASST)
 - c. IEEE International Midwest Symposium on Circuit and Systems
 - d. The Novel Intelligent and Leading Emerging Sciences Conference (NILES)
 - e. The 13th IEEE PES & IAS Power Africa Conference (PAC 2025)
 - f. International Conference on Systems Engineering, Technology and Sustainable Solutions

Professional Development

1. Completed a one-month professional development institute in "effective practices in Engineering Education, the University of Texas at Austin, promoting excellence in teaching and learning, receiving ten hours of professional development (11 July-11 August 2022)
2. Completed the Center for Teaching and Learning, the University of Texas at Austin, workshop series, promoting excellence in teaching and learning, receiving ten hours of professional development (23-30 August 2022)
3. NAQAE Workshop, how to apply Competency-based engineering NARS program panorama (20 – 22 September 2022).

Professional Memberships

Member	IEEE	2014-present
Member	IEEE Young Professionals	2014-present
Member	IEEE Computational Intelligence	2018-present
Member	IEEE Circuits and Systems Society	2016-2017, 2021-Present
Member	IEEE Electron Devices Society	2022-Present
Member	IEEE Communications Society	2014-2015
Member	IEEE Industrial Electronics Society	2021-Present

Member	IEEE Women in Engineering	2020-Present
Member	Egypt Engineering Syndicate	2007-present

Media and Press Coverage:

Media Type and Date	Media overview	Interview link
TV interview 16 May, 2017	The prototype of Bio-impedance sensors with fruits for the ASRT-Jesor funded project	Link
TV report (17 December 2017)	The 5th undergraduate research forum	Link
Nile University Media on YouTube December 7, 2019	The 9th undergraduate research forum	Link
TV interview with MBC (24 December 2019)	The 9th undergraduate research forum	Link
Nile University Media on YouTube 29 December, 2019	NISC Research Topics	Link
Radio interview 4 April 2021	The State Encouragement Award 2019 in the field of engineering science.	Link
Interview with el Akhbar Journal (17 August 2021)	My research and achievements	Link
News about the Development of Graduate's Employability Competencies: Towards Capacity Building for Young Scholars, implemented in 2021	News coverage of training	Link 1 Link 2 Link 3 Link 4
Article about My Research	News Article about Research in Steganography	Link
Article about My Research	News Article about Research in Bio-impedance	Link
TV Interview with Sada El Balad 2 22 February, 2022	My research and achievements	Link 1 Link 2 Link 3 Link 4
Articles about the workshop Feb. 26, 2022	News articles about the workshop “Future Technology of Smart Agriculture”	Link 1 Link 2
Article about Workshop 15 May, 2022	News articles about the workshop “International Day of Women in Mathematics.”	Link 1 Link 2
Article about my participation in the JFDP 15 September 2022	Article about my participation in the 2022 Junior Faculty Development Program (JFDP), Fulbright	Link 1 Link 2 Link 3 Link 4
News Articles of Practical Training on Academic and Professional Skills for Entry into the Labor Market, phase 2, implemented in 2022	News coverage of training	Link 1 Link 2 Link 3 Link 4
Interview with Fulbright Egypt at COP27, Sharm El-Sheikh (Egypt) on 10 November 2022.	Video interview about my COP27 participation and my Fulbright grant	Link
TV Interview with the Egyptian National Television May 2023	My research and achievements	Link
News Articles about My DAAD project and the students' exchange December 2023	My DAAD project and the student exchange between Nile University and Duisburg-Essen University	Link 1 Link 2 Link 3 Link 4 Link 5
News Articles about workshops and training 14 January 2024	News articles about the Workshop & Training “Women in STEM - Exploring Working Environments”	Link 1 Link 2 Link 3 Link 4
News Articles about workshops 23 May 2024	News articles about the Workshop “Collecting as Cultural Practice Collecting Cultures and Object Itineraries in Eurasia and the MENA Region,” May 2024	Link 1 Link 2 Link 3 Link 4
News Article about my research in the Al-Akhbar newsletter October 2024	News articles for my work in cybersecurity. The recent research presents a new scientific approach to securing online transactions by leveraging the power of chaos theory to combat cyber threats. This method aims to	Link

	enhance cybersecurity measures and provide a robust defense against malicious online attacks.	
News Article about my research in the Al-Akhbar newsletter November 2025	News articles for my work in financial time series prediction using AI-based hardware accelerators	Link