



FACULTY OF EDUCATION

Curriculum Vitae

Prof. Dr. Nermeen Mohamed Hamdy Rashed El-Defrawi

Professor of Curriculum and Science Education

Department of Curriculum and Instructional Methods

Faculty of Education

Alexandria University

Alexandria, Arab Republic of Egypt

Personal Details

- **Name:** Nermeen Mohamed Hamdy Rashed El-Defrawi
- **Nationality:** Egyptian
- **Place of Birth:** Alexandria, Arab Republic of Egypt
- **Date of Birth:** August 5, 1971
- **Marital Status:** Married (with two children)
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Professional Academic Career Progression

Professional Academic Career Progression		
Institution	Position	Date
Faculty of Education, Alexandria University	Professor of Science Education, Department of Curriculum and Instructional Methods	30-Sep-2025
Faculty of Education, Alexandria University	Head of Electronic Recording Control Unit on MIS System at the Faculty	December 1, 2020 – Present
Faculty of Education, Alexandria University	Deputy Director of the Academic Guidance Unit	2021–2024 (4 years)
Faculty of Education, Alexandria University	Executive Director of the Measurement and Evaluation Unit	1-Mar-2020(3 years)
Faculty of Education, Alexandria University	Member of the Education and Students Affairs Committee	Academic Year 2022/2023 – 2024/2025 (3 years)

Professional Academic Career Progression		
Institution	Position	Date
Faculty of Education, Alexandria University	Assistant Professor, Department of Curriculum and Instructional Methods	23-Jan-2020
Faculty of Education, Alexandria University	Member of the Laboratories and Scientific Equipment Committee	2021–2022 (2 years)
Faculty of Education, Alexandria University	Member of the Board of Directors, Center for Educational Services	2019 –2020 (1 year)
Faculty of Education, Alexandria University	Lecturer, Department of Curriculum and Instructional Methods	August 2012 – Present
College of Sciences and Arts for Girls, Sajer – Shaqra University, Kingdom of Saudi Arabia	Head of the Department of Education and Psychology and Quality Coordinator of the College	October 1, 2010 – October 18, 2011 (2 consecutive one-year appointments)
College of Education for Girls, Sajer – King Saud University	Vice Dean for Administrative and Financial Affairs	March 2, 2009 – July 7, 2010 (Gregorian calendar)
College of Education for Girls, Sajer – Princess Nourah bint Abdulrahman University, Department of Education and Psychology	Assistant Professor, Department of Education and Psychology	September 6, 2008 – March 1, 2009 (Hijri: 6/10/1429H – 4/3/1430H)
Faculty of Education – Alexandria University	Lecturer, Department of Curriculum and Instructional Methods	June 29, 2004 – October 6, 2007
Faculty of Education – Alexandria University	Assistant Lecturer, Department of Curriculum and Instructional Methods	December 5, 1998 – June 28, 2004
Faculty of Education – Alexandria University	Teaching Assistant (Demonstrator), Department of Curriculum and Instructional Methods	April 28, 1993 – December 4, 1998

Academic Qualifications				
Degree	Specialization	Institution	Date	Honors/Remarks
Ph.D. in Education and Science "A Proposed Conceptual Framework for the Scientific Content of Science Teacher Preparation Programs in Physics Based on the History and Nature of Physics in Faculties of Education"	Curriculum and Instruction Science Education	Faculty of Education, Alexandria University	-11 May-2004	Excellent with Highest Honors, and Recommended for inter-university exchange; copy deposited at the Center for Development of Faculties of Education
Master's degree in education and science "Evaluation of the Outcomes of Science Teacher Preparation Programs in Physics considering the History and Innovations in Physics"	Curriculum and Instruction Science Education	Faculty of Education, Alexandria University	-13 Oct-1998	Excellent
Higher Diploma in Education (Two-year postgraduate program as a prerequisite for master's studies)	Curriculum and Instruction Science Education	Faculty of Education, Alexandria University	Sep-1994	Very Good
Bachelor of Science and Education	Physics and Chemistry	Faculty of Education, Alexandria University	May-1992	Very Good with Distinction

Professional Experience

Teaching Experience: I. Graduate-Level Courses Taught

Teaching Experience: I. Graduate-Level Courses Taught			
Course Title	Target Students	Institution	Duration
Subject Matter Knowledge and Skills	General Diploma – "Upper Grades Teaching Track"	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2024–2025
Teaching Methods in Specialization	Specialized Diploma in Science Education	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2021–2022
Advanced Teaching Strategies	Specialized Diploma in Science Education	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2019–2022
Models and Methods of Teaching in the Specialization	Professional Diploma	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2016–2023
Content Analysis of the Specialized Subject	Professional Diploma	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2015–2021
Research Seminar (1)	Professional Diploma	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2015–2017
Advanced Teaching Strategies (1 & 2)	Professional Diploma	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2016–2017
Integrated Science	Open Learning Program	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2012–2014
Scientific Literacy	General Diploma – All Tracks	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2013–2020
Strategies for Teaching and Learning Scientific Thinking	Professional Diploma	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2012–2014
Practical Training Project	General Diploma – All Tracks	Department of Curriculum and Instructional, Faculty of Education, Alexandria University	2012–2014

Teaching Experience: II. Undergraduate Courses Taught

Teaching Experience: II. Undergraduate Courses Taught			
Course Title	Target Students	Institution	Duration
Active Learning Strategies	Second-Year Scientific Stream (Chemistry, Chemistry-English, Physics) – Credit Hours, Unified System 2023	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2024–2025
Active Learning Strategies (Supplementary)	Fourth-Year Scientific Stream (Chemistry, Chemistry-English, Physics) – Credit Hours	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2023–2025
Active Learning Strategies	Third-Year Scientific Stream (Chemistry, Chemistry-English, Physics) – Credit Hours	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2022–2025
Teaching Methods (2) – English Medium	Fourth-Year Chemistry-English Section	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2019–2024
Teaching Methods (1 & 2) – English Medium	Third Year and Fourth-Year Chemistry-English Sections	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2015–2025
Teaching Methods (1 & 2) – Arabic Medium	Third Year and Fourth-Year Chemistry & Physics Sections	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2013–2018
Integrated Science	Second-Year Scientific Streams	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2012–2015
Microteaching	Second-Year Chemistry-English Section	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2013–2016
Environmental Science (2)	Second-Year Basic Education – Science, Third-Year Biology (Arabic & English)	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2012–2020
School Curricula	Fourth-Year Physics, Chemistry, and Mathematics Specializations	College of Education for Girls, Sajer – King Saud University / Shaqra	2007–2009

		University	
Specialized Teaching Methods (1 & 2) – Science	Third-Year Physics and Chemistry Specializations	College of Education for Girls, Sajer – King Saud University / Shaqra University	2007–2012
Educational Technology and Learning (1 & 2)	Third-Year Physics, Chemistry, Mathematics, and Home Economics Specializations	College of Education for Girls, Sajer – King Saud University / Shaqra University	2007–2009
Introduction to Curriculum and Teaching Methods	Second-Year Physics, Chemistry, Mathematics, and Home Economics Specializations	College of Education for Girls, Sajer – King Saud University / Shaqra University	2007–2009
Supervised Field Practice in Educational Supervision	Third Year and Fourth-Year Students in Physics, Chemistry, and Mathematics Specializations	College of Education for Girls, Sajer – King Saud University / Shaqra University	2007–2012
Science Teaching Methods	General Diploma in Education for Bachelor's and Licentiate Holders from Non-Education Backgrounds	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2004–2006
Curricula for Special Needs Groups	General Diploma in Education for Bachelor's and Licentiate Holders from Non-Education Backgrounds	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	2004–2006
Microteaching	Scientific Streams	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	1998–2004
Educational Technology Laboratory	Scientific Streams	Department of Curriculum and Instructional Methods, Faculty of Education, Alexandria University	1993–1998

III. Supervision of Students in Field Training

III. Supervision of Students in Field Training		
Academic Year(s)	School	Grade/Level & Specialization
2024/2025, 2017/2018	Huda Shaarawi Secondary Girls' School (Official Language Schools)	Grade 12 – Chemistry (English Medium)
2022/2023, 2021/2022, 2018/2019, 2017/2018, 2016/2017	Mohamed Zohran Secondary Girls' School (Language Section)	Grade 12 – Chemistry (English Medium)
2020/2021, 2018/2019	Mostafa Al-Nagar Secondary Girls' School (Language Section)	Grade 12 – Chemistry (English Medium)
2014/2015, 2013/2014	Alexandria Secondary Girls' School (Language Section)	Grade 12 – Chemistry (English Medium)
2017/2018, 2014/2015, 2013/2014	Mohamed Zohran Preparatory Girls' School (Language Section)	Grade 11 – Chemistry (English Medium)
2014/2015, 2013/2014, 2012/2013	Cleopatra Preparatory Girls' School	General Diploma – Mathematics Track

IV. Scientific Supervision of Master's and Doctoral Theses

IV. Scientific Supervision of Master's and Doctoral Theses				
Student Name	Degree	Registration / Award Year	Thesis Title	Supervisory Committee
Neveen Helmy Al-Khiyal	Master's	Registration: 2004 / Awarded: 2007	"A Proposed In-Service Training Program for Developing Concepts of Space Science and Teaching Skills Among Preparatory Stage Science Teachers"	Prof. Dr. Medhat Al-Nemr Dr. Nermeen ElDefrawi
Fayza Abdel-Hamid Al-Shanawy	Master's	2010	"A Systemic Approach-Based Training Program for Enhancing Teaching Performance and Some Scientific Thinking Skills Among Elementary Science Teachers"	Prof. Dr. Medhat Al-Nemr Dr. Nermeen ElDefrawi
Eman Mohamed Sharaf	Master's	2016–2018	"A Proposed Program Based on the Nature and Modern Developments of Physics for Professional Development of Physics Teachers"	Prof. Dr. Medhat Al-Nemr Dr. Nermeen ElDefrawi

Mona Abdel-Samee Zakaria	Master's	2015–2022	"A Proposed Guiding Framework Based on 'Conceptual Change Theory' for Teaching Physics Concepts"	Prof. Dr. Medhat Al-Nemr Dr. Nermeen ElDefrawi
Shimaa Saied Al-Hadidi	Ph.D.	2016–2018	"An Interdisciplinary Biology-Based Program for Developing the Concept of Energy in Ecological Systems and Scientific Inquiry Among Prospective Biology Teachers"	Prof. Dr. Medhat Al-Nemr Dr. Nermeen ElDefrawi Ass, Prof. Dr Hanaa Abdel-Aziz Ayyes
Yousra Mostafa Mohamed Abdel-Naeim	Master's	2017–2019	"The Effect of Laboratory Inquiry Instruction on Developing Scientific Thinking Among Teacher Trainees in the Basic Education Stream"	Dr. Ezza Shehied Abdullah Dr. Nermeen ElDefrawi
Aziza Abdel-Aati Ibrahim Hamad	Master's	2017–2020	"Developing Biology Curriculum Activities for the Secondary Stage Based on Dimensions of Professional Awareness"	Dr. Ezza Shehied Abdullah Dr. Nermeen ElDefrawi
Mohamed El-Sayed Abdullah Al-Mahdi	Master's	2017–2021	"A Proposed Framework for Science Curricula at the Preparatory Stage Based on Dimensions and Issues of Sustainable Development"	Dr. Ezza Shehied Abdullah Dr. Nermeen ElDefrawi
Alaa Sobhy Abu El-Yazed Metwally	Master's	2020–2022	"A Next Generation Science Standards (NGSS)-Based Program for Enhancing Understanding and Teaching Practices Related to Constructing Scientific Explanations and Evidence-Based Argumentation Among Prospective Chemistry Teachers"	Prof. Dr. Medhat Al-Nemr Ass, Prof. Dr. Nermeen ElDefrawi Dr. Neveen Al-Khiyal
Aziza Abdel-Aati Ibrahim Hamad	Ph.D.	2022–2024	"A Dimensional Analysis of the Outcomes of Using Constructivist Strategies in Science Education in Egypt"	Dr. Ezza Shehied Abdullah Dr. Nermeen ElDafrawi
Mohamed El-Sayed Abdullah Al-Mahdi	Ph.D.	2022–2024	"A Proposed Physics Curriculum for the Secondary Stage Based on Recent Developments of the Fourth Industrial Revolution"	Prof. Dr. Ezza Shehied Abdullah Ass, Prof, Dr. Nermeen ElDafrawi
Zahra Hassan El-Sayed Ghazy	Master's	2022–2025	"A Proposed Conceptual and Inquiry-Based Reference Guide for Egyptian Secondary Biology Teachers Based on the Next Generation Science Standards"	Prof. Dr. Medhat Al-Nemr Ass, Prof. Dr. Nermeen ElDefrawi Dr. Neveen Al-Khiyal

			(NGSS)"	
Radwa Ramadan Ahmed	Master's	2022–2025	"A Proposed Curriculum in Earth and Space Sciences for First-Year Secondary Students in Egypt Based on a Historical-Inquiry Approach"	Prof. Dr. Medhat Al-Nemr Ass, Prof. Dr. Nermeen ElDefrawi
Alaa Sobhy Abu El-Yazed Metwally	Ph.D.	2024– (Ongoing)	"A Proposed Framework for the Specialized Content of Chemistry Teacher Preparation Programs Based on the Nature of Chemical Thinking"	Prof. Dr. Medhat Al-Nemr Ass, Prof. Dr. Nermeen ElDefrawi Dr. Neveen Al-Khiyal
Mahmoud Said Mahmoud Hussein	Master's	2022–2024	"A Proposed Conceptual Framework for the Science Curriculum at the Preparatory Stage Based on Global Dimensions of the Green Economy"	Prof. Dr. Dr. Ezza Shedied Abdullah Dr. Nermeen ElDefrawi
Sara Mamdouh Mohamed Shehata	Master's	2025– (Ongoing)	"AI-Enhanced STREAM-Based Enrichment Activities for Elementary Science Curricula to Develop Scientific Research Skills"	Prof. Dr. Dr. Ezza Shedied Abdullah Prof, Dr. Nermeen ElDefrawi
Aya Hamdi Ezzat Mohamed Basyouni	Master's	2025– (Ongoing)	"Effectiveness of a Proposed Course in Quantum Information Science (QIS) for Developing Quantum Literacy and Future Thinking Skills Among Prospective Physics Teachers"	Prof. Dr. Dr. Ezza Shedied Abdullah Prof, Dr. Nermeen ElDefrawi

V. Participation in Curriculum and Academic Regulation Development

V. Participation in Curriculum and Academic Regulation Development
Participation in the development and revision of several graduate-level courses within the Department of Curriculum and Instructional Methods at the Faculty of Education, Alexandria University, up to the academic year 2023/2024.
Contribution to the development and updating of the scientific content for undergraduate courses in science specializations offered by the Department of Curriculum and Instructional Methods.
Active participation in the review, writing, formatting, coding, and system integration of the curricula for the Unified Regulations (2023) for both Bachelor's and Licentiate programs across all specializations at the Faculty of Education, Alexandria University. This included full documentation and entry into the university's Management Information System (MIS) during the academic year 2022/2023.

Academic and Research Projects

I. Participation in International and National Projects		
Organization	Date	Project Title
European Union – Erasmus+	2019–2022	Reframing Heritage Education in Egypt (Re-HeED)
Supreme Council of Universities, Egypt	Mar-19	Designing the Elementary Education Program for Faculties of Education According to the Guidelines of the Sector Committee for Educational Studies and the Teacher Preparation Reference Framework
Ministry of Education in collaboration with Alexandria Governorate	February 16 – April 14, 2019	Professional Development Program for Teachers: "Initiative for Ensuring Quality of Basic Education in Alexandria Governorate"
EU TEMPUS-EDUCAMP Project	2018–2020	Center of Education for Sustainable Development, Alexandria University (CESDAU)
European Union – Erasmus+	2017–2019	School and University Partnership for Peer Communities of Learners (SUP4PLC) (Project No.: 573660-EPP-1-2016-1-EG-EPPKA2-CBHE-JP)
Ministry of Higher Education & Ministry of Education	2004–2006	Education Reform Project (ERP): Developing Performance Standards for Pre-Service Science Teachers
Ministry of Education – Teacher Professional Development Component	September 3–7, November 21–23, December 21–23, 2006	National Central Training Program: "Developing Critical Thinking Skills in Science for Secondary School Teachers Based on Student-Centered Learning and National Educational Standards"
Ministry of Higher Education & Ministry of Education	2003–2004	Development of National Educational Standards in Egypt: Authoring the Science Document (Science Content Standards from Grade 1 to Grade 12)

Research Publications (Most Recent First)

II. Research Publications (Most Recent First)		
Research Publications (Most Recent First)	Publication Details	Authorship
"Effectiveness of a Teacher's Guide for the 'Integrated Science' Curriculum for the First Year of Secondary School Based on Design Thinking Skills in Developing Creative Problem-Solving Abilities."	Journal of the Faculty of Education, Alexandria University, Vol. 35, No. 1, January 2025	Sole Author
"A Proposed Course for Developing Conceptual Understanding of Plasma Physics and Its Real-Life Applications, and Future Thinking Skills Among Prospective Physics Teachers at the Faculty of Education."	Journal of the Faculty of Education, Alexandria University, Vol. 34, No. 4 (Part 3), December 2024	Sole Author
"Quality Level of Physics Textbooks for Secondary Education in Light of 'Cross-Cutting Concepts' Across Scientific Disciplines in the Next Generation Science Standards (NGSS) and Physics Teachers' Perceptions About Them."	Journal of the Faculty of Education, Alexandria University, Vol. 34, No. 3, 2024	Sole Author
"A WEHABC-Issues-Based Program Using Community-Oriented Scientific Inquiry (SSIBL) to Develop Dimensions of Environmental Citizenship Among Science Teacher Trainees at the Faculty of Education."	Journal of Educational Sciences Graduate School of Education Cairo University Vol. 30 No. 2 (Part 2) April 2022	Sole Author
"Effectiveness of Marzano's 'Dimensions of Learning' Model in Developing Quantitative Chemistry Concepts and Chemical Problem-Solving Skills Among First-Year Secondary Students."	Journal of Educational Sciences Graduate School of Education Cairo University Vol. 29 No. 3 (Part 2) July 2021	Sole Author
"Digital Content Design Competencies for Electronic Learning Environments Among Secondary Science Teachers and Their Attitudes Toward Them."	Arab Journal of Education and Psychology Issue 126, Vol. 2, October 2020"	Sole Author
"A Preventive Education Curriculum	Journal of the Faculty of Education,	Co-authored with

Based on Life Skills Activities and the Level of Preventive Awareness Among Graduates of the Faculty of Education, Alexandria University."	Alexandria University", Vol. 29, No. 5, 2019	Dr. Ezzat Shehied Abdullah (Equal contribution)
"A Proposed Curriculum in Sustainable Environmental Development Based on Environmental Awareness Activities to Enhance Environmental Awareness Among Science Teacher Trainees in Faculties of Education."	Journal of the Faculty of Education, Alexandria University", Vol. 29, No. 2, 2019	Sole Author
"Effectiveness of TEMI Project Activities ('Teaching Inquiry with Engaging Science Mysteries') in Developing Self-Efficacy for Teaching Science Through Inquiry Among Primary Science Teacher Trainees at the Faculty of Education."	Journal of Educational and Humanistic Studies Faculty of Education Damanhour University Vol. 10 No. 4 (Part 2) 2018	Sole Author
"A Training Program Based on the Cognitive Acceleration Model to Correct Misconceptions in Physics Among Prospective Physics Teachers, Transfer of Training Effects to Their Students' Misconception Correction, and Development of Students' Attitudes Toward Physics."	Journal of Educational and Humanistic Studies Faculty of Education Damanhour University, Vol. 10, No. 4 (Part 1) 2018	Sole Author
"A Comparative Analysis of the Content of Science Textbooks for Grades 4 and 8 in Egypt and Bahrain in Light of TIMSS-2015 Standards."	Journal of Science Education Vol. 19, No. 4(2), July 2016	Co-authored with Dr. Ezzat Shehied Abdullah (Equal contribution)
"Interdisciplinary as an Inquiry: Creating New Spaces for Mathematics Across Science in Primary Schools."	Presented at the 21st International Scientific Conference "Primary Mathematics Education in Context" Palacký University Olomouc, Czech Republic April 19–23 2016	Co-authored with Prof. Dr. Mohamed Massad Nouh

Professional Development Activities

I. Training Courses and Workshops Attended			
NO.	Training Course / Workshop	Organizing Entity	Date
1	"Evaluating AI-Generated Content: Assessing Quality and Authenticity"	Measurement and Evaluation Unit, Faculty of Education, Alexandria University	12-Apr-25
2	"Perspectives on Alternative Assessment"	Measurement and Evaluation Unit, Faculty of Education, Alexandria University	17-Mar-25
3	Analysis of Test Items: A Comparative Study Between Statistical Software and Artificial Intelligence Applications	Measurement and Evaluation Unit, Faculty of Education, Alexandria University	12-Mar-25
4	"To Share or Not to Share: That is the Question in Education"	Center for Educational Innovations, Alexandria University	4-Mar-25
5	"Open Education: What Do We Need to Know?"	Center for Educational Innovations, Alexandria University	9-Mar-25
6	"Open Education: The Scenario and the Resources"	Center for Educational Innovations, Alexandria University	11-Mar-25
7	"The Art of Crafting Objective and Essay Questions: From Theory to Practice"	Measurement and Evaluation Unit, Faculty of Education, Alexandria University	20-Feb-25
8	Reference Management Systems	Faculty of Leadership Development Center (FLDC), Alexandria University	February 10–11, 2025
9	Executive Leadership Skills Development	Faculty of Leadership Development Center (FLDC), Alexandria University	February 8–9, 2025
10	Leadership and Strategic Thinking	Faculty of Leadership Development Center (FLDC), Alexandria University	February 7–8, 2025
11	University Regulations and Bylaws	Faculty of Leadership Development Center (FLDC), Alexandria University	February 1–2, 2025
12	"Course Specification Using Artificial Intelligence"	Quality Assurance and Accreditation Unit, Faculty of Education, Alexandria University	19-Jan-25
13	"Designing Rubrics for Assessment"	Measurement and Evaluation Unit, Faculty of Education, Alexandria University	November 12, 2024; May 1, 2023
14	"Applications of Artificial Intelligence in Measurement and Evaluation"	Measurement and Evaluation Unit, Faculty of Education, Alexandria University	27-Oct-24
15	"Preparing Electronic Specification Tables"	Measurement and Evaluation Unit, Faculty of Education, Alexandria University	9-Oct-24
16	"Electronic Examinations"	Measurement and Evaluation Unit,	14-Nov-23

		Faculty of Education, Alexandria University	
17	"Utilizing Artificial Intelligence Applications in Scientific Research"	Faculty of Education, Alexandria University	30-Oct-23
18	Rubrics for Assessment	Measurement and Evaluation Unit, Faculty of Education, Alexandria University	1-May-23
19	Heritage Education in Egypt: Participated in a training workshop held in Athens, Greece, as part of the Erasmus+ research program "Reframing Heritage Education in Egypt (ReHeEd)"	Democritus University of Thrace, Athens, Greece	September 5–8, 2022
20	"Preparing Program and Course Reports According to Models of the National Authority for Quality Assurance and Accreditation (NAQAAE)"	Quality Assurance Unit, Faculty of Education, Alexandria University	6-Aug-22
21	Training on Electronic Monitoring via Alexandria University's Management Information System (MIS)	Central Unit for Measurement and Evaluation, Alexandria University	31-Jan-22
22	"Program Accreditation"	Quality Assurance Unit, Faculty of Education, Alexandria University	30-Oct-21
23	Question Banks	Measurement and Evaluation Unit, Faculty of Education, Alexandria University	19-Nov-20
24	Using Moodle in E-Learning: Applying Learning Activities and Various Educational Technologies in University Institutions / Different Learning Management Systems (LMS)	Center for Educational Innovations, Faculty of Commerce, Alexandria University	June 6 – June 29, 2020
25	Using Microsoft Teams and Forms in Remote Teaching and Electronic Assessment	Central Unit for Measurement and Evaluation, Alexandria University	Apr-20
26	"Innovations in Science Education: Virtual Laboratories"	The Arab Society of Materials Science	17-Feb-20
27	Developing the Graduate Profile Matrix for the Faculty of Education	Quality Assurance and Accreditation Unit, Faculty of Education, Alexandria University	2019
28	Environmental Analysis for Strategic Planning	Center for Quality Assurance and Accreditation, Alexandria University	2019
29	"How to Apply for Program Accreditation"	Center for Quality Assurance and Accreditation, Alexandria University	15-Sep-19
30	T.O.T. Training: Implementing Mawda Guide (Program for Preparing Youth for Marriage)	Ministry of Social Solidarity & Faculty of Education, Alexandria University	March 23– 24, 2019
31	Electronic Examinations	Measurement and Evaluation Unit,	2019

		Faculty of Education, Alexandria University	
32	Coaching & Mentoring	University of Leicester, England	2017
33	School-University Partnership	University of Northampton, England	2017
34	Requirements for Initial Self-Evaluation and Quality Committees	Al-Thaqafiya Cultural Center for Women, Shaqra	June 1, 1433 (April 22, 2012)
35	Strategic Quality Planning and Improvement Plans	Al-Thaqafiya Cultural Center for Women, Shaqra	25 Jumada al-Ula, 1433 (April 16, 2012)
36	Quality Research and Benchmarks	Al-Thaqafiya Cultural Center for Women, Shaqra	May 15, 1433 (April 6, 2012)
37	Development of Programs at Faculties of Education	Shaqra University Campus	March 27, 1433 February 19, 2012)
38	Quarterly Reports of Quality Units	Al-Thaqafiya Cultural Center for Women, Shaqra	11 Jumada al-Ula, 1433 (April 3, 2012)
39	Internal and External Review Processes, Mechanisms, and Report Preparation for Programs	Shaqra University Campus	April 7, 1433 (February 28, 2012)
40	Quality Standards in Higher Education	Shaqra University Campus	29 Muharram, 1433 (December 25, 2011)
41	Faculty Evaluation and Peer Review	National Authority for Quality Assurance and Accreditation (NAQAAE) in collaboration with the British Council, Jeddah	15–16 Muharram, 1433 (December 11–12, 2011)
42	Managing and Implementing Institutional Self-Study for Accreditation	NAQAAE in collaboration with the British Council, Qassim University	Dhul-Qa'dah 6–7, 1432 (October 4–5, 2011)
43	Course Specification, Field Experience, and Report Writing	NAQAAE, Jeddah	15–16 Jumada al-Thani,

			1432 (April 19–20, 2011)
44	Time Management and Coping with Work Pressure	Faculty of Leadership Development Center (FLDC), Alexandria University	July 17–19, 2007
45	Using Modern Technology in Teaching	Faculty of Leadership Development Center (FLDC), Alexandria University	June 19–21, 2007
46	Scientific Research Writing and International Publication	Faculty of Leadership Development Center (FLDC), Alexandria University	May 19–21, 2007
47	Course Design	Faculty of Leadership Development Center (FLDC), Alexandria University	April 27–30, 2007
48	Administrative Skills Development	Faculty of Leadership Development Center (FLDC), Alexandria University	April 10–12, 2007
49	Scientific Research Management	Faculty of Leadership Development Center (FLDC), Alexandria University	May 7–10, 2005
50	Workshop for Executive Supervisors	Faculty of Leadership Development Center (FLDC), Alexandria University	4-May-05
51	Certificate in Executive Supervision (TOT)	Faculty of Leadership Development Center (FLDC), Alexandria University	2005
52	International Computer Driving License (ICDL) Certificate	UNESCO	May-04

II. Training Courses and Workshops Conducted				
	Training Program / Workshop	Target Audience	Organizing Entity	Date(s)
1	Performance-Based Assessment: Bridging the Gap Between Reality and Aspiration	Faculty members, Faculty of Education, Alexandria University	Measurement and Evaluation Unit, Faculty of Education, Alexandria University	19-Mar-25
2	Pedagogical Qualification for Non-Education Graduates	Science teachers in language schools who are not graduates of faculties of education	Educational Services Center, Faculty of Education, Matrouh University	February 26, 2022 – November 13, 2023
3	Train-the-Trainer (TOT): Developing Training Packages (Designing Training Activities)	Diverse groups	Educational Services Center, Faculty of Education, Alexandria University	September 18, 2023; February 17, 2020
4	Pedagogical Qualification: "Educational	Science teachers who are not graduates of faculties of education	Educational Services Center, Faculty of Education, Alexandria University	2019–2023

	Activities"			
5	Teaching Science Skills in English-2: "Strategies & Methods of Teaching Science" 2	In-service and pre-service science teachers	Educational Services Center, Faculty of Education, Alexandria University	2021
6	Teaching Science Skills in English-1: "Strategies & Methods of Teaching Science" 1	In-service and pre-service science teachers	Educational Services Center, Faculty of Education, Alexandria University	July 16, 2022 – August 14, 2023
7	Effective Communication	Basic education teachers	Alexandria Governorate	2019
8	Modern Trends in Student Learning Assessment	Basic education teachers	Alexandria Governorate	2019
9	Active Learning	Basic education teachers	Alexandria Governorate	2019
10	Professional Learning Communities	General education teachers	School and University Partnership for Peer Communities of Learners (SUP4PLC), European Union	2018
11	Effective Supervision	General education teachers	School and University Partnership for Peer Communities of Learners (SUP4PLC), European Union	2018
12	Professional Development Schools	General education teachers	School and University Partnership for Peer Communities of Learners (SUP4PLC), European Union	2018
13	Education for Citizenship	General education teachers	School and University Partnership for Peer Communities of Learners (SUP4PLC), European Union	2018
14	Education for Sustainable Development	General education teachers	School and University Partnership for Peer Communities of Learners (SUP4PLC), European Union	2018
15	STEAM Education	General education teachers	School and University Partnership for Peer Communities of Learners	2018

			(SUP4PLC), European Union	
16	Active Learning	General education teachers	School and University Partnership for Peer Communities of Learners (SUP4PLC), European Union	2018
17	Teaching Thinking Strategies	General education teachers	School and University Partnership for Peer Communities of Learners (SUP4PLC), European Union	2018
18	Teacher Roles in the Knowledge Society	General education teachers	School and University Partnership for Peer Communities of Learners (SUP4PLC), European Union	2018
19	The Knowledge Bank and Open-Source Learning Management Systems (e.g., EDMODO)	General education teachers	School and University Partnership for Peer Communities of Learners (SUP4PLC), European Union	2018
20	Course Specification and Report Writing	Faculty members	College of Sciences and Arts, Sajer, Shaqra University, Kingdom of Saudi Arabia	6-Mar-12
21	Higher Education Quality in the Kingdom of Saudi Arabia	Faculty members	College of Sciences and Arts, Sajer, Shaqra University, Kingdom of Saudi Arabia	4-Feb-12
22	Skills of Effective University Teaching	Faculty members (Science Departments)	Faculty of Education, Dawadmi Branch, Shaqra University, Kingdom of Saudi Arabia	29-Mar-11

Certificates and Awards

Award/Certificate of Appreciation	Institution	Date
Certificate of Appreciation for efforts and work as a member of the Academic Guidance Office and responsible for the Faculty's Examination Administration Units	Faculty of Education - Alexandria University	2024
Certificate of Appreciation for efforts and work as a member of the Academic Guidance Office	Faculty of Education - Alexandria University	2024
Certificate of Appreciation for efforts exerted	Faculty of Education - Alexandria	2023

during the 2022/2023 Academic Year	University	
Certificate of Appreciation for my efforts during my tenure as Executive Director of the Measurement and Evaluation Unit	Center for Measurement, Evaluation, and Electronic Examinations - Alexandria University	2022
Certificate of Appreciation for my efforts during my tenure as Executive Director of the Measurement and Evaluation Unit	Center for Measurement, Evaluation, and Electronic Examinations - Alexandria University	2021
Certificate of Appreciation for the "effective and distinguished role in preparing the submission file for: (Egypt Award for Governmental Excellence 2019)"	Faculty of Education Alexandria University	2019
Certificate of Appreciation for my efforts in Total Quality and Academic Accreditation work	University Agency of Al-Qassim For Educational Affairs	2012
Certificates of Appreciation for my efforts and contributions in administrative work as Vice Dean for Financial and Administrative Affairs	College of Education for Women in Sajir	2009
Mohamed Saber Selim Award For Distinguished Master's Theses for the year 1999	The Egyptian Association for Scientific Education	1999