

Curriculum Vitae

Prof. Dr. Hanaa Mohamed El-Husseiny Hamed



Personal information:

- **Name:** Prof. Dr. Hanaa Mohamed El-Husseiny Ahmed Hamed.
- **Date of Birth:** June 23, 1953.
- **Year of Graduation:** 1977.
- **Academic Qualification:** Ph.D.
- **Academic Degree:** Professor of Food Science since (July 27, 1998), at the Faculty of Home Economics (accredited in 2014).
- **General Specialization:** Nutrition and Food Science.
- **Specific Specialization:** Food Science.
- **National ID Number:** 25306232300465 .
- **Marital Status:** Married, mother of three children.
- **Mobile Number:** 01222219734 .
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hanaamohmd@yahoo.com
- **Career Progression:** Previous Dean of the Faculty of Home Economics (October 2011 – July 2013). Previous Head of the Department of Nutrition and Food Science (for two terms: from November 11, 2001, to November 11, 2007). Previous Director of the Quality Assurance Center, Helwan University (from 2010 to November 2024). **Current Position:** Faculty Member – Professor Emeritus of food science (since August 1, 2013). **Faculty:** Faculty of Nutrition Sciences – Helwan University.

First: Academic Qualifications

No.	Academic Degree	Specialization	University Name	Year
1	B.Sc. in Home Economics	Nutrition and Food Science	Helwan University	1977
2	M.S – Thesis Title: “Evaluation of urinary sodium and potassium excretion as indicators of dietary intake”	Nutrition	University of Alabama, Alabama, USA	1984
3	Ph.D. – Thesis Title: “Effect of α -Tocopherol and some flavonoid compounds on inactivation of peroxidase (purified and unpurified) of selected vegetables”	Food Science	University of Illinois, Illinois, USA	1987

Second: Academic career progression details:

1. Previous Dean of the Faculty of Home Economics – Helwan University (September 2011 – October 2013).
2. Previous Head of the Department of Nutrition and Food Science (for two consecutive terms) – from November 11, 2001, to November 11, 2007.
3. Director of the Quality Assurance Center – Helwan University (since February 2010 till November 2024).
4. Director of the Training Unit and vis Director of the Quality Assurance Center – Helwan University (2007–2009).
5. Director of the Quality Assurance Unit – at Faculty of Home Economics, Helwan University (2005–2008).
6. Professor of Food Science – since August 27, 1998.
7. Associate Professor of Nutrition and Food Science – Faculty of Home Economics (since June 30, 1992).
8. Lecturer, Department of Nutrition and Food Science – Faculty of Home Economics (since March 30, 1988).
9. Lecturer Assistant, Department of Nutrition and Food Science – Faculty of Home Economics (since September 23, 1979).

Third: Membership in Committees (Inside and Outside the University)

1. Member of the Supreme Technical Committee for Degree Equivalency – Supreme Council of Universities (Egypt) (since 2008 till now).

2. Member of the Education Sector Committee for Specific Education and Home Economics (2011–2013) and Expert Member (Planning Committee) for the same sector (2022–2025), under the Supreme Council of Universities.
3. Member of the Scientific Committee for Home Economics for the Promotion of Professors and Associate Professors; served as Committee Secretary (2008–2011), and Committee Evaluator (2008–present).
4. Member of the Board – National Institute of Intellectual Property (since 2016 to September 2024), and Member of the Seminar Committee for evaluating Master’s and Ph.D. research proposals during the same period.
5. Member of the Committee for Approval of Training and Qualification Bodies – National Institute of Quality (Ministry of Trade and Industry), and Member of the Training and Curriculum Accreditation Committee at the same institute in Nasr City (2020–November 2024).
6. External Reviewer for Higher Education Institutions – National Authority for Quality Assurance and Accreditation (NAQAAE), Egypt (since 2010).
7. Certified Reviewer – Association of Arab Universities for Quality Assurance and Accreditation (since September 2022).
8. Member of the Strategic Planning Committee – Helwan University (2015–2020), Steering Committee Member for the University’s Strategic Plan, contributor to the updated Strategic Plan (2021–2025), and co-author of the Implementation Plan related to the strategic goal: *Excellence in Education and Learning*.

Fourth: Secondment for teaching at university out Egypt :

Associate Professor at the Department of Home Economics, King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia (1992–1997). During this period, I taught undergraduate and postgraduate courses and supervised a Master’s thesis. I also participated in organizing the annual seminar for World Food Day held on October 15 each year and co-authored the seminar booklet. Additionally, I attended various conferences in field of specialization.

Fifth: Academic Activities:

1. Teaching Experience

I have taught numerous courses in both the general field of Nutrition and Food Science and the specific field of Food Science at both undergraduate and postgraduate levels:

A. Undergraduate Level	B. Postgraduate Level
<ul style="list-style-type: none"> • At Helwan University: <ul style="list-style-type: none"> - Courses taught to Nutrition and Food Science students (3rd and 4th year): <ul style="list-style-type: none"> ○ Food Additives ○ Food Evaluation ○ Food Product Development and Marketing ○ Advanced Food Science ○ Experimental Food science ○ Food Security ○ Principle of Food Science (for Clinical Nutrition Program) -Course taught to Educational Home Economics students (3rd year): <ul style="list-style-type: none"> ○ Experimental Food Science. • At King Abdulaziz University, Saudi Arabia (1992–1997): <p>Courses taught in the Department of Home Economics – Female Students Section:</p> <ul style="list-style-type: none"> ○ Research Methods in Nutrition ○ Nutrition Education ○ Project A & B ○ Fundamentals of Nutrition ○ Clinical Nutrition ○ Food Science ○ Food Preparation II ○ Project (1 &2) • At the Faculty of Nutrition Sciences (Clinical Nutrition – English Section), Helwan University (2024 till now): <ul style="list-style-type: none"> ○ Introduction to Food Science and Technology ○ Food Safety and Sanitation 	<ul style="list-style-type: none"> • Clinical Nutrition Diploma: <ul style="list-style-type: none"> ○ Concepts in Food Product Development • Master’s in Nutrition: <ul style="list-style-type: none"> ○ Concepts in Food Product Development ○ Seminars (2nd Year) for both Nutrition and Food Science Master’s students • Master’s in Curriculum and Instruction: <ul style="list-style-type: none"> ○ Seminar (2nd Year) • Ph.D. in Nutrition and Food Science: <ul style="list-style-type: none"> ○ Advanced Food Science (1st Year – Nutrition and Food Science division) ○ Functional Foods (2nd Year) ○ Enzymes (2nd Year) ○ Special Problems in Food Science • Ph.D. in Food Science: <ul style="list-style-type: none"> ○ Advanced Food Science ○ Food Product Development and Quality Control ○ Research Methods ○ Seminars ○ Enzymes • At King Abdulaziz University – Postgraduate Level during secondment (1992–1997): <ul style="list-style-type: none"> ○ Master’s courses: Advanced Food Science, Research Methods, and Seminars

B. Participation in the Development of Academic Programs and Establishment of New Programs:

- Contributed to the development of credit hour-based curricula for both undergraduate and postgraduate programs in the field of specialization (from 2009 to the present).

- Participated in drafting bylaws for the establishment of new fee-based programs:
 - Clinical Nutrition Program (2009), with implementation procedures initiated in 2012.
 - Food Safety and Quality Management Program (fee-based programs ,credit hour-based, 2023–2024).
- Drafted bylaws for a new faculty: Faculty of Nutrition Sciences (2021–2022).
- Contributed to the development of postgraduate bylaws at the Faculty of Nutrition Sciences (Master’s and Ph.D. in Food Science and Technology), including a professional diploma (fee-based) (2024-2025).

C. Establishment and Development of Laboratories for Undergraduate Practical Courses

- Supervised the establishment of **two undergraduate laboratories** for teaching practical courses in Nutrition and Food Science. These were equipped with instruments, furniture, and equipment as outputs of a project funded by the **Higher Education Enhancement Project Fund (HEEPF)** under the Ministry of Higher Education (2007), where I served as Executive Director.
- Supplied and equipped **two postgraduate laboratories** with modern scientific instruments to support research and graduate students.
- Established two lecture halls as part of a project funded by the **Investment Bank** and supervised by the **Higher Education Projects Management Unit (PMU)** (2009–2013).

D. Scientific Research Output

- Published **(46) applied research papers** in the field of specialization.

According to Google Scholar (of April 2025):

- **Total Citations:** 824
- **H-Index:** 8

E. Supervision of Theses

Examples of Supervised Master’s Theses:

1. Development of functional food products (jam and jelly) from aloe vera extract and chia seeds – 2024.
2. Functional ingredients to improve the nutritional and health properties of barley-based products – 2022.

3. Quality characteristics of soft cheese fortified with different algae to enhance mineral content – 2022.
4. Design and evaluation of a nutrition education program for diabetic patients outside clinics – 2022.
5. Use of indigestible carbohydrates to reduce calories in food products and their biological effect in rats – 2017.
6. Collaborative effect of enzymes and galactomannan gum as anti-staling agents on balady bread quality – 2014.
7. Use of *Stevia* leaf extract as a sucrose substitute in food products – 2012.
8. Physicochemical properties and quality attributes of date-based products from different varieties – 2011.
9. Effect of *Tartuffe* flour extract (inulin source) on rice dough properties – 2011.
10. Use of carrot powder in cakes and its biological effects on hypercholesterolemic rats – 2009.
11. Functional properties of gluten in the presence of glucose oxidase and ascorbic acid – 2007.
12. Nutritional enrichment and biological evaluation of pumpkin seeds – 2007.
13. Functional and nutritional properties of *Tartuffe* plant and its flour – 2007.
14. Chemical characteristics and nutritional value of beetroot by-products as fiber sources – 2007.
15. Effect of using the learning cycle approach on the development of scientific concepts in experimental cooking – 2006.
16. Use of eggshell powder as a calcium source in food – 2005.
17. Effect of two types of gums and fish oil on blood glucose in rats – 1998.
18. Nutritional assessment of children with cancer – 1997.
19. Nutritional assessment of chronic renal failure patients on hemodialysis – 1997.
20. Nutritional evaluation of menus in five-star hotels – 1996.
21. Effect of zinc deficiency in pregnant rats and its impact on offspring – 1996.

Examples of Supervised Doctoral Theses:

1. Utilization of olive mill wastewater by-products to enhance food shelf life and nutritional value – 2022.
2. Functional and bioactive properties of isolated proteins from chickpeas and soybeans – 2015.
3. Nutritional applications and biological evaluation of sugarcane by-products – 2007.
4. Effect of high fructose corn syrup on the nutritional value and quality of bakery products – 2007.
5. Preparation and evaluation of low- and gluten-free bakery products – 2007.
6. Effect of gums on bread quality and biological/biochemical parameters in rats – 2005.
7. Use of rice bran as a cholesterol-lowering agent in rats – 2004.

Examples of theses reviewed : as a committee member in judging and discussion committee:

1. Functional properties of probiotics and prebiotics in fruit juices – 2020.
2. Nutritional and compositional properties of functional foods made from pumpkin – 2015 (Ph.D.).
3. Biological effects of high-fiber yogurt enriched with β -glucan – 2009 (Ph.D.).
4. Relationship between magnesium and cardiovascular disease – 2006 (Ph.D.).
5. Chemical and biological study on tree bark in diabetic rats – 2006 (Ph.D.).
6. Proposed program for improving nutrition project curricula for one-classroom schoolgirls – 2005 (Ph.D.).
7. Nutritional status of pregnant women and its effect on newborns – 2004 (Master's).
8. Chemical and biological studies on overcooked meat – 2003 (Master's).
9. Effect of barley on reducing blood cholesterol in rats – 2003 (Ph.D.).

F. Reviewing Scientific Research in Conferences and Scientific Journals (Local, Regional, and International)

Examples of Scientific Research Evaluation in the Field of Specialization for Conferences and Journals publication:

1. Reviewed various scientific research papers for publication in specialized scientific journals and conferences (from 1997 to present).
2. Reviewed research papers for the International Conferences of the Association of Arab Universities for Quality Assurance and Accreditation (held in Jordan, the UAE, and Sudan) as a member of the Scientific Committee (2011–2016).

G. Reviewer for International Scientific Journals

1. **International Journal of Food Science and Technology** – Reviewer (since 2012).
2. **Asian Food Science Journal** – Reviewer (since 2020).
3. **European Journal of Nutrition & Food Safety** – Reviewer (since 2022).

H. Reviewer for Scientific Work of Faculty Members as Part of the Permanent Scientific Committee for Home Economics (Professors and Associate Professors)

Member of the Scientific Committee for Home Economics since 2004, responsible for reviewing the scientific work of faculty members applying for promotion to the ranks of Associate Professor and Professor. Scientific works reviewed include candidates from:

- Faculty of Specific Education, Ain Shams University
- Faculty of Specific Education, Mansoura University
- Faculty of Home Economics, Helwan University
- Faculty of Home Economics, Menoufia University

Examples of Scientific Research Papers Evaluated by the Committee for Promotion to Professor and Associate Professor

1. Improvement of physical and chemical properties of flaxseed oil exposed to light by blending with nanoparticles (2023).
2. Protective role of beef liver and tomato powder against the harmful effects of the antibiotic Floxacillin in rats (2023).
3. Response of rats to some commonly used preservatives after sun exposure during storage (2023).
4. Impact of nutritional awareness and cholecalciferol supplementation on kidney patients (2022).
5. Potential effects of vitamins A, C, and E and their serum levels in asthmatic children (2021).
6. Nutritional intervention using coconut water to reduce blood lipid levels in rats (2021).
7. Storage quality of bread fortified with different levels of anise powder (2019).
8. Dietary sodium sources among Egyptian adults (National Nutrition Institute, 2018).
9. Proposed diet for overweight and obese individuals using almond milk as an alternative to animal milk (2018).
10. Effects of dried ripe mango peels on osteoporotic rats (2018).
11. Total antioxidant and carotenoid content in white bread fortified with different levels of dried potato peels (2017).
12. Effect of adding yellow and green lemon peel powder on bread quality and its relation to osteoporosis (2017).
13. Palestinian universities' practice of university governance to improve the quality of higher education – Arab Universities Union Conference for Quality and Accreditation, Sudan (2016).
14. Enhancing the quality of higher education programs by aligning learning outcomes with labor market needs – A field study analyzing graduation projects and surveying faculty and students – Arab Universities Union Conference, Sudan (2015).
15. Indicators of strategic planning in Jordanian public universities from the perspective of academic department heads – Arab Universities Union Conference, Sudan (2015).
16. Role of strategic planning in applying total quality management principles at Al-Mergib University – A field study on Al-Mergib University faculties – Libya (2015).
17. Effects of exposure to crude water extract of marjoram on ovary growth in rabbits during in utero, adolescence, and post-pubertal stages – *Journal of VRI Phytomedicine* (2015).

18. Nutritional status assessment of patients with type 2 diabetes – *Pakistan Journal of Nutrition* (2015).
19. Evaluation of the quality of teaching at the Faculty of Educational Sciences, Al-Quds University – Arab Universities Union Conference, Zarqa University, Jordan (2015).
20. Nutritional assessment of biscuits made by simultaneous substitution of oil and flour with sprouted white lupine – *American Journal of Food and Nutrition* (2015).
21. Effect of solar drying on the nutritional properties of different pepper varieties and their mixtures with tomatoes – *Journal of Applied Sciences Research* (2014).
22. Effect of rosemary extract on the microbiological, chemical, and sensory properties of refrigerated chicken meat – *Middle East Journal of Applied Sciences* (2014).
23. Effect of calcium and phosphorus on plant-based iron absorption and some blood parameters in rats – *Food and Nutrition Science* (2009).
24. Hypoglycemic effect of alcoholic beetroot extract on diabetic rats – *Egyptian Journal of Nutrition* (2009).
25. Antioxidant effect of onion marinade on fat oxidation in minced meat during storage (April 2008).
26. Antimicrobial activity of spice oils and their effect on pathogenic bacteria and applications in fast foods (April 2008).
27. Protective effects of loquat fruit against liver damage induced by carbon tetrachloride in male rabbits (April 2008).
28. Study of the physical, chemical, and technological properties of prickly pear fruits and their applications (April 2008).
29. Effect of various additives on bread quality (April 2008).
30. Uric acid, protein, and fat content in raw and cooked poultry tissues as indicators of nutritional quality (April 2008).
31. Impact of different meat cuts on chemical, physical, microbial, and sensory properties of beef burger formulations (May 2007).
32. Effect of carrageenan and sodium alginate on chemical, physical, microbial, and sensory properties of low-fat beef burgers (May 2007).
33. Chemical, technological, and nutritional studies on lupine protein-fortified bread (May 2007).
34. Formation of biogenic amines during germination in some legume seeds (May 2007).
35. Enhancing the nutritional value of school children's bread rolls using flour from various cereal grains (February 2006).
36. Preparation and evaluation of high-quality, high-nutrition bakery products (February 2006).
37. Chemical properties and biological value of pies fortified with plant proteins (February 2006).
38. Evaluation of food provided to the elderly and a study of their nutritional status (July 2004).

39. Effect of freezing and storage duration on the nutritional value of vegetables (July 2004).

I. Peer Review of Promotion Files for Institutions Outside Egyptian Universities

- Reviewed promotion research files for the rank of *Consultant / Nutrition Consultant* at the General Organization for Teaching Hospitals and Institutes (2023–2024).
- Reviewed promotion file for the rank of *Professor* at the University of Baghdad, Iraq (2016).
- Reviewed promotion file for the rank of *Associate Professor* at Princess Nourah Bint Abdulrahman University, Saudi Arabia (2013–2014).

J. Publications and Authored Books (in collaboration with others)

1. Two interactive e-books for the Faculty of Nutrition Sciences (co-authored) in 2024-2025:
 - *Introduction in Food Science and Technology*
 - *Food Safety and Sanitation*
2. Authored and published electronically on the university's learning platform over three consecutive academic years (2021–2022, 2022–2023, 2023–2024):
 - *Product Development and Marketing in Food Industries*
 - *Advanced Food Science*
3. *Experimental Food Science* (2015), co-authored with Prof. Afaf El-Gedaily – Prof. Hanaa Hamida (Publisher: Nile Arab Group).
4. Contributed a chapter titled “*Food Additives*” in the *Nutrition Encyclopedia* prepared in the Kingdom of Bahrain (2007).
5. *Food Additives: Pros and Cons* (2003), co-authored with Prof. Afaf El-Gedaily – Prof. Hanaa Hamida (Publisher: Nile Arab Group).
6. *Food Evaluation – Principles and Measurements* (2012), co-authored with Prof. Afaf El-Gedaily – Prof. Hanaa Hamida (Publisher: Nile Arab Group).
7. *Introduction to Home Economics* (1994), co-authored with Dr. Zeinab Haqqi – Dr. Hanaa Hamida – Dr. Hoda Salama (Publisher: Ain Shams Library).

Sixth: Projects development director and activities

Executive director of **five development projects**, funded by the Ministry of Higher Education's Project Management Unit and the investment plan of Helwan University:

1. Executive Director of the *Learning Outcomes Assessment Project – General University Learning Outcomes* (2016–2019) at Helwan University (within the strategic plan projects).
2. Executive Director of the *Support for Quality Assurance Center Implementation Plans Project* (Helwan University Center) from October 2012 to March 2013, funded by the Investment Bank (Project Management Unit, Ministry of Higher Education).
3. Director of the *Continuous Improvement and Accreditation Project (CIQAP)* at the Faculty of Home Economics (October 2011 – December 2012), funded by the Investment Bank.
4. Executive Director for establishing the *Quality Assurance Unit* at the Faculty of Home Economics, Helwan University (2005–2007).
5. Executive Director of a project funded by HEEPF (C-036-K0), titled: **“Enhancing the Quality of Education in Nutrition and Food Science”** (February 2005 – June 2007), funded by the World Bank.

Key outcomes of the project:

- A) Development and modernization of both undergraduate and postgraduate bylaws of the Department of Nutrition and Food Science, including separating the postgraduate programs into two tracks: *Nutrition* and *Food Science*, based on the credit hour system, and the establishment of new programs for both tracks.
 - B) Organization of training courses to develop faculty and teaching assistants' teaching skills, including using modern educational and technological tools, hands-on laboratory training, and conducting chemical analyses.
 - C) Renovation and furnishing of two outdated undergraduate laboratories for Nutrition and Food Science.
 - D) Procurement of new scientific instruments, tools, and equipment for postgraduate laboratories.
 - E) Renovation and development of four lecture rooms and two auditoriums.
6. Executive Director of the *Quality Assurance Unit Establishment Project – QAAP* at the Faculty of Home Economics (November 2005 – March 2007), funded by the National Authority for Quality Assurance and Accreditation. The project aimed to establish an internal quality assurance system in the Faculty of Home Economics. Outcomes included:
 - Drafting the Faculty’s vision, mission, and strategic objectives.
 - Describing all academic courses and programs according to the National Authority's templates.

- Preparing the first annual report for the Faculty (academic year 2006–2007).
 - Organizing workshops to spread awareness and culture of quality within the Faculty.
 - Producing numerous brochures, posters, and booklets explaining the objectives of the quality unit, outputs of the project, and documentation requirements. These materials were distributed throughout the Faculty buildings.
7. Participated in evaluating *Higher Education Enhancement Projects (HEEPF)* for Colleges of Education under the Ministry of Higher Education’s Project Management Unit:
- Reviewed 8 proposals submitted by Egyptian Colleges of Education seeking funding from HEEPF (2005–2006).
 - Participated in the evaluation of development projects for higher education institutions (2012–2017).
 - Served as part of the external review team formed by the Project Management Unit to evaluate colleges (2014–2017).

Seventh: Membership in the Committee for Setting National Academic Reference Standards for the Home Economics Sector

- Pre-university education (2008)
- Higher education (2009)

Eighth: Participation in Internal and External Reviews of Higher Education Institutions in the Field of Quality Assurance and Accreditation:

1. Member of the review and follow-up committee for the Nutrition Systems Program, Faculty of Agriculture – Mansoura University, assigned by the Ministry of Higher Education’s Committee for New Programs (March 2019).
2. Member of the external review team for the accreditation visit to Ajman University, United Arab Emirates – College of Motherhood and Family Sciences, from May 9 to 14, 2018.
3. Member of the review and follow-up committee for higher education institutions that received development and accreditation projects from the Higher Education Development Projects Management Unit (2011–2014):
 - Faculty of Home Economics – Menoufia University
 - Faculty of Tourism and Hotels – Fayoum University
 - Faculty of Specific Education – Tanta University
 - Faculty of Tourism and Hotels – Mansoura University
4. Organization and participation in regular follow-up and mock accreditation visits to the faculties of Helwan University (22 faculties) during her tenure as Director of the Quality Assurance Center at the University (2010–present). During this time, 13 faculties achieved institutional accreditation, 4 research laboratories received international

accreditation, and 34 central administrative departments at the university obtained ISO certification in quality management (ISO 9001:2015) from 2015 to 2023.

Ninth: Cultural activities (Conferences, Seminars, Training Courses, and Workshops) examples:

A. Participation in training programs and workshops in the field of quality and accreditation standards:

1. Obtained the “Certified Reviewer” certificate from the Association of Arab Universities for Quality Assurance and Accreditation in July 2023, after successfully completing the preliminary phase of the program titled: *"Enhancing the Capacities of Peer Reviewers for Higher Education Institutions and Programs According to International Accreditation Standards"*, organized by the Quality Assurance and Accreditation Council of the Association of Arab Universities in Amman, Jordan (September 17–24, 2022), and attended the advanced training program on the same topic (July 15–18, 2023).
2. Attended a training course titled *"Mastering Research Methodologies Using Artificial Intelligence"* (September 9, 2023).
3. Attended a training course titled *"Mastering Scientific Research Methodologies with AI Support in Producing Studies and Research for Decision Making and Support"* (September 16–19, 2023).
4. Attended an online workshop titled *"The Importance of Quality Standards in Higher Education in Africa"* (November 28, 2022).
5. Participated in the Virtual Annual Celebration of African Universities organized by the Association of African Universities (November 7–11, 2022).
6. Attended the seminar organized by the Quality Assurance and Accreditation Council of the Association of Arab Universities titled: *"Leading Experiences of Accreditation and Quality Agencies in Arab Higher Education Institutions"* (July 8, 2021).
7. Participated in a webinar titled *"Integration of Technical and Vocational Tracks in Higher Education towards Employability and Economic Sustainability"*, held on September 1, 2020, organized by the Egyptian Higher Education Reform Experts Team and the Erasmus+ National Office – Egypt.
8. Attended several events including:
 - Workshop: *University Accreditation Standards – Second Edition* (April 2017)
 - Third and Fourth International Conference of the National Authority for Quality Assurance of Education (April 2016)
 - Training on *Accreditation Standards for Higher Education Institutions – Third Edition 2015*
 - Conferences (April 2017 and 2018): *"Quality Assurance in Education: Building Bridges and Strengthening Trust"*.

Tenth: Supervision of Student Activities:

1. Supervisor (as Director of the Quality Assurance Center) of student projects in Helwan University faculties funded by the Higher Education Projects Management Unit – Ministry of Higher Education (Commerce and Business Administration, Nursing, Matariya Engineering, Applied Arts) (2013–2021).
2. General Supervisor of the student group “Training Without Borders” – Faculty of Home Economics (2011–2013).
3. Advisor of the “Taba” student family – Faculty of Home Economics (1989–1991).
4. Advisor of the Social Committee for Home Economics at King Abdulaziz University, Saudi Arabia (September 1994–1995), during her secondment period to King Abdulaziz University in Jeddah (1992–1997).

Eleventh: Membership in Scientific Associations:

1. Member of the Association of Quality Assurance Administrations in the Association of Arab Universities (AQAA) – Based at Sadat University, Egypt.
2. Member of the Brain Nutrition and Malnutrition Prevention Society (since 2004).
3. Member of the Arab Biologists Association (since 2007).
4. Member of the Egyptian Society for Nutrition (since 1989).
5. Member of the Egyptian Society for Food Science and Technology (since 1989).
6. Member of the Breastfeeding Friends Association (Al-Azhar Medicine) (since 1989).
7. Member of the International Food Technologists (IFT), USA (since 1987).
8. Member of the Egyptian Home Economics Association (since 1980).

Twelfth: Participation in faculty / university committees:

1. Admission interview committees for student’s applicants to the Faculty of Nutrition Sciences – Helwan University (2024/2025).
2. Member of the Strategic Planning Committee for Helwan University (2015–2020, 2021–2025).
3. Examiner for undergraduate and postgraduate levels.
4. Doctoral qualification exam committees – Food Science specialization.
5. Interview panels for postgraduate applicants.
6. Research proposal review committee for seminar applicants in the Food Science department.
7. Member of the Experts Committee at the Quality Assurance Center – Helwan University (since 2007).
8. Member of the Production Unit Board – Faculty (2007).
9. Member of the Graduate Studies Committee – Faculty (2001–2003).

10. Head of the Nutrition Supplies Procurement Practices Committee – University Dormitory, Helwan University (2000).
11. Member of the Community Service and Environmental Development Committee (1997).
12. Member of Curriculum Development and Internal Regulation Committees at both:
 - King Abdulaziz University – Faculty of Home Economics (1992–1997, during secondment)
 - Helwan University – Faculty of Home Economics (1997–present).

Thirteenth: Participation in the establishment of study programs and development of curricula for Nutrition Science Faculties and related fields at Egyptian universities:

- Participated in reviewing undergraduate curricula (Nutrition and food technology program at MSA (private university) in 2025).
- Participated in reviewing various undergraduate and postgraduate curricula for Faculties of Specific Education and Home Economics as a member of the Specialized Education and Home Economics Sector Committee, and later as a member of the Planning Committee in the Educational Studies Sector (2022–2025).
- Participated in developing the bylaws of the new *Faculty of Nutrition Sciences* at Helwan University (2019–2022), and its postgraduate programs.
- Contributed to establishing the Therapeutic Nutrition Program (special tuition) – Faculty of Home Economics, Helwan University (2009–2011).

Fourteenth: Awards Received:

- A. Excellence Award from Helwan University (2009).
- B. Award for Excellence in Scientific Research (June 22, 1988) at the 48th Annual Meeting of the Institute of Food Technologists in the USA (Annual Graduate Competition).

Fifteenth: Previous and Current Experience in Government Ministries and State Agencies (Domestic and International):

A) Domestic Entities:

1. **Ministry of Higher Education in Egypt:**
 - Member of the High Technical Committee for Equivalency at the Supreme Council of Universities since 2008 to the present.
 - Member of the Planning Committee in the Specific and Home Economics Education Sector Committee from 2022 to the present.
 - Participation in the committees of the Higher Education Projects Management Unit at the Ministry of Higher Education for evaluating development projects

submitted by faculties of Egyptian universities, and in the periodic monitoring and evaluation visits to faculties that had received development projects (2010–2014).

2. **National Authority for Quality Assurance and Accreditation of Education (NAQAAE):**
 - Listed as an external reviewer for higher education institutions since 2010.
 - Participated in the development of the National Academic Reference Standards (NARS) for the Home Economics Sector (2009).
3. **Association of Arab Universities – Quality Assurance and Accreditation Council:**
 - Holder of the “Certified Reviewer” certificate for academic programs in higher education institutions.
4. **National Institute for Quality (under the Ministry of Trade and Industry):**
 - Participated in drafting the regulations for the Professional Diploma and Master’s Degree in Total Quality Management, and Food Quality and Safety Systems (2020).
 - Member of the judging panel for students' projects in the Professional Diploma in Quality Management Systems (2021–2024).
 - Member of the committee evaluating training packages submitted by training centers for accreditation by the institute (2021–2024).
 - Member of the committee responsible for issuing qualification certificates for training centers (2021–2024).
5. **General Authority for Hospitals and Scientific Institutes Management:**
 - Evaluated the scientific output of several applicants for promotion to Consultant and Assistant Consultant levels (2023–2024) at Kasr Al-Ainy Hospital.
6. **Central Agency for Organization and Administration (CAOA):**
 - Participated in committees for preparing question banks for the recruitment exams for Home Economics teachers at the Ministry of Education (2023–2024).

B) International Entities:

1. **Ajman University, United Arab Emirates:**
 - Participated as a member of the external review committee for accreditation of the University College of Motherhood and Family Sciences (May 9–14, 2018).
2. **Association of Arab Universities – Quality Assurance Council:**
 - Served as a reviewer on the scientific committee evaluating research papers submitted to international conferences on education quality held in several Arab countries: Jordan, United Arab Emirates, and Sudan (2011–2016).
3. **University of Baghdad, Iraq:**
 - Peer-reviewed promotion research for the rank of Professor (2011–2014).
4. **Princess Nourah University, Saudi Arabia:**
 - Peer-reviewed promotion research for the rank of Associate Professor (2011–2014).

5. **King Abdulaziz University, Saudi Arabia:**

- Seconded to serve as a teaching staff member and research supervisor in the Department of Home Economics (1992–1997), holding the title of Associate Professor.

Prof. Dr.Hanaa Mohamed El-Hosseiny Ahmed Hemeda

