

Prof. Salwa El-Gharib



Full Name : Salwa Abdalla El-Gharib Younes
Date of Birth : November 22nd, 1950.
Birth place : Cairo, Egypt.
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Education

- 1984**
 - Ph.D. Degree in Industrial Design.
Faculty of Applied Arts, Helwan University.
- 1979**
 - Master Degree, Industrial Design Dept.
Faculty of Applied Arts, Helwan University.
- 1973**
 - Bachelor Degree, Industrial Design Dept.
Faculty of Applied Arts, Helwan University.
- Language** **Arabic:** Mother-Tongue
 English: Fluent.

Academic Records

- May 2012- present** President of the International Academy for Engineering and Media Science (IAEMS)
- 2007- 2012** Secretary-General, Supreme Council of Universities (SCU)
- 2005- 2007** Vice-Dean of Graduate Studies & Researches
 Faculty of Applied Arts, Helwan University (HU).
 Director, Scientific Computing Center- HU.
- 2002-2007** President of Research Council for Planning and Society Development- Research Center for Technological

	Development, HU.
2000-2005	Head of the Industrial Design Dept, Faculty of Applied Arts, HU.
1994-2000	Professor of Industrial Design, Faculty of Applied Arts, Helwan University.
1990 -1994	Associate Prof. At Industrial Design Dept (Equipment & apparatus) Faculty of Applied Arts, HU.
1979 -1985	Lecturer of Industrial Design Dept., Faculty of Applied Arts, Helwan University.
1976 - 1979	Assistant Lecturer at Industrial Design Dept. Faculty of Applied Arts, Helwan University.
1973 -1976	Demonstrator at Industrial Design Dept., Faculty of Applied Arts, Helwan University.

Published Researches

- I-Theses**
- Approaches to Egyptian Industrial Products' Design Analysis (**M.Sc. thesis, 1979**).
 - Industrial Design Theory and its Application in Egypt. (**Ph.D. thesis, 1984**).

II-Publications

- 1986** • The Role of the Industrial Designer in the development of the Egyptian Village- American University in Cairo (AUC), 6-11 May 1986.
- 1987** • "Theory and Application on planning and developing the Egyptian Village" 1-5 Feb 87.
- 1987** • "The Utilization of Renewable Energy Technology in Developing Desert in Egypt" Faculty of Applied Arts, 1-5 March87.
- 1987** • "The Relation between Art, Science & Technology, and its Impact on Products' Design", Minia University, the Third Scientific Conference 87.
- 1987** • "Methods/schemes/process/techniques of Training Villagers on Problem Solving", The Egyptian Society for Technology and Social Researches 87.
- 1988** • "The role of Industrial Designer in the Promotion of the Public Taste " Minia University, The Fourth Conference.88,

- 1988**
 - "Design of Multi-Purpose Products' Theory" The 3rd Scientific Conference, Faculty of Applied Arts88.
- 1988**
 - "The Designing Criteria of Products in New Communities" Faculty of Applied Arts, The 3rd Scientific Conference 88.
- 1989**
 - "Design in Developing Countries" Studies and Research Journal (Sciences & Arts), Helwan University89.
- 1990**
 - "The Interactive Relation between Research, Development and Small-Scale Industries in Egypt"- the 4th Scientific Conference, Faculty of Applied Arts 90.
- 1991**
 - "Technological Aspect and its Impact on the artistic form of the Product" Studies and Research Journal (Sciences & Arts), Helwan University 91.
- 1992**
 - "Product Design Systems for Protecting the Environment from Pollution "Alexandria University, the 2nd Scientific Conference 92.
- 1992**
 - "Solar Energy Products Require/demand New Criteria of Designing" Wayne State University, Faculty of Engineering (U.S.A) in collaboration with The National Research Center in Egypt, Cairo, 3rd Cairo International Conference 92.
- 1992**
 - "Noise inside closed Areas" 3rd International Scientific Conference, Faculty of Engineer-AL Azhar University, (Dec 18, 92).
- 1993**
 - "Human Aspect in Industrial Design" Studies and Research Journal- Helwan University (Dec11, 1993).
- 1994**
 - "Establishing Linkage between Industry and University" First International Conference on Linking Industry with University, Mansoura University. (March 23, 94).
- 1994**
 - "Sketch language in the field of Industrial Design", 6th Scientific Conference, Faculty of Fine Arts-Minia University (April17, 1994).
- 1996**
 - "New Methods to Waste Recycling" (Applied Research) Faculty of Applied Arts 96.

- 1999**
 - "Designer's Intellectual Propriety Rights and Legal Liability" Applied Arts Syndicate's First Conference 99.
- 1999**
 - "Design's Role in the Small industries (*SMEs*) Development", Applied Arts Syndicate's First Conference 99.
- 2001**
 - "Technological Innovation", Applied Arts Syndicate's 2nd Conference 2001.
- 2002**
 - Al-Ahram Symposium: "Helwan University & Comprehensive Development" 2002
- 2003**
 - Military Production Conference "Helwan University and Sustainable Development of Helwan".
- 2004**
 - Al-Obour City Development Conference – Helwan University 04.
- 2004**
 - Small Enterprises Technology Exhibition (Nasr City 04)
- 2004**
 - Variable Role of Scientific Parks in the Developing Countries, Vietnam (International Workshop) 2004
- 2005**
 - The 25th Youth Exhibition (Nasr City) 2005
- 2005**
 - Exhibition Aside the 1st Scientific Research Conference- Conference Center. 05
- 2005**
 - Workshop in Collaboration with Goethe Institute and Specialized Professors in Industrial Design from Muenster University of Applied Sciences- Germany 05
- 2005**
 - ToT, Faculty Leadership Development Training Course – Helwan University.
- 2005**
 - Academic Exchange and Supervision of a German Study in B.Sc. – Muenster University of Applied Sciences- Germany.05
- 2005**
 - The Experience of the Arab and Foreign Countries in Technological Parks- Syria. 05
- 2005**
 - The Role of Scientific Research in the Development of Small Enterprises and Environment- Academy of Scientific Research and Technology (ASRT) March 2005
- 2005**
 - Aspects of Development and the Joint Arab Investment Future and International Interaction- Sharm El-Sheikh 3-6 Dec. 05
- 2006**
 - Designing Products used in Transporting Patients with Zheimer

"Conf on: Al-Zheimer Disease as a Regional Problem" 17-18 April

Books

- Salwa El-Gharib & Said Al-Watery, Design's Fundamentals and Its Role in Developing the Student's Innovation 1988.
- Salwa El-Gharib, Technical Drawing for Industrial Secondary Education in Egypt 1991.
- Salwa El-Gharib, Technical Drawing (2) 1994.
- Salwa El-Gharib, Mechanical Drawing 2000.
- Salwa El-Gharib, Small and Medium Enterprises (Training Programs).
- Salwa El-Gharib, Small Enterprises and (Economic and Technical Feasibility Study of 30 Egyptian Products).
- Salwa El-Gharib, Designing Fundamentals (2) E-Book (CD).

Academic Honors, prizes, Award

- First Innovation Prize, Egyptian Innovators Society.
- First Prize from Helwan University for Scientific Research, 1996.
- Appreciation Certificate awarded by Egyptian Creators Association.
- Appreciation Certificate awarded by Patent Office.
- UNESCO Prize for Egypt for Industrial Development 2005.
- Prize from the Syndicate of Applied Arts Designers on the occasion of World Woman's Day 2006.
- She was awarded the Honorary Professorship from Kazakh National Pedagogical university named after Abay, Almaty, Republic of Kazakhstan in October 2010.
- State Award in the field of Arts in 2010.

Academic Affiliations

Chairperson of:

- Equivalence of Academic Degrees Committee, SCU
- Cultural Relation Committee, SCU.
- The Advisory committee for University Staff Contiguities
- Committee of Students' Subscription in Railway.
- Steering Committee "The Establishment of Internal Quality Assurance System at the Faculties of Specific & Kindergarten Education".
- Vice-Chairperson, Enhancement of Productivity & Creativity Skills Project (of Helwan University Hostile Students).

Member of:

- Permanent Scientific Committee for Faculty Staff Promotion (Faculty of Applied Arts)
- Jury Committee of State's Encouraging Awards (Supreme Council of Culture, Ministry of Culture.
- Supreme Council of Helwan University Enhancement Projects.
- Board of Directors of Productivity Unit-Faculty of Applied Arts.
- Research & Development Committee, Federation of Egyptian Industries.
- Arts Academy Board of Directors, 6th of October City.
- Board of Directors, Leather Industry Chamber - Federation of Egyptian Industries.
- The National Council for Women (Cairo Branch).
- Chief Commission of Industrial Prototypes, Ministry of Trade and Industry.
- Executive Commission for Establishing Scientific Park, Ministry of State for Scientific Research.
- Board, Academy of Scientific Research & Technology (ASRT).
- National Education Council, National Specialized Councils.
- Supreme Council of Pre-University Education.
- Council of Private Universities
- Board of Directors, University Hospitals, Ministry of Health.
- Board of Directors, the Binational Fulbright Commission in Egypt.
- Joint Egyptian-Moroccan Technical Committee for

Scientific Research.

- Joint Egyptian-Tunisian Technical Committee for Scientific Research.
- Board of Directors, Al-Azhar University.
- Board of Directors, Research Center for Technological Development, Helwan University.
- Accreditation Committee, SCU.
- Chief Commission of the Unified Network for Universities & Research Centers.
- Board of Directors, Cairo Demographic Center.
- Scientific Competitions Committee, ASRT .
- National Committee for Foreign Researchers - MoHE.
- Permanent Scientific Committee, National Institute of Transportation.
- Chief Committee of the Egyptian-Japanese University for Science and Technology Project.
- Permanent Committee for Leadership, SCU.
- National Steering Committee of New Academic Programs initiated in Universities.
- Executive Committee of missions sector.
- Council of Culture & Knowledge, ASRT.
- Egyptian Council of for the Egyptian Italian Year 2009.
- Board of Directors, Mubarak Academy for Security.
- Board of Directors, Ahram Canadian University.
- Committee of projects' grants for the program of "Solutions in Our Minds", ASRT.

Supervising Academic Degrees & Researches

M.Sc.	15 theses
Ph.D.	11 theses

Advisory Records

1987	Consultant, the Technical Office of Creation & Invention Development, Academy of Scientific Research and Technology (ASRT).
1990-1991	Consultant, Arab Organization for Industrialization-Aircraft Company.
1990	Consultant, International Labor Organization (ILO) – the program of woman training on skills.
1990	Member of the working group, Small Industries Development in Fayoum Governorate, Faculty of Engineering-Ain Shams University.
1990	Member of small industries development committee -

- academy of scientific research and technology (ASRT).
- 1992** Member, the scientific committee for establishing the Small Industries Center -Mubarak City for Scientific Researches & Technological Applications).
- 1990-1992** Lectures & Workshops on developing environment in Arab countries - the International Center for Agriculture.
- 1996** Member of the Chief Committee, Assessment of the Social Fund for Development Project (200 projects).
- 2000** Developing Traditional & Handicraft Industries; such as leather industries, development of equipments in collaboration with Social Fund for Development, Chamber of Leather Industries and European Industrial Modernization Program.
- 2002** Conducting Training Courses on the development of leather industry design (bags- clothes...)- Chamber of Leather Industries.
- 2002** Conducting Training Courses on traditional industries development (Khan El-Khalily and handicraft industries)- Social Fund for Development.
- 2002** Training courses and symposia: "Furniture Industries Development in Damietta – Social Fund for Development.
- 2003** Training Courses on textile industry in Mahala El-Kobra- Social Fund for Development.
- 2003** Conducting technical and geometric for the development of handicraft industries from local materials (25 studies) Social Fund for Development and National Council of Women. Supervisor, Faculty and Leadership Development Project- HU.

National Projects

- 2003-2004** Supervising the Family-Provider Women on Small & Modern Industries Project in Bahtem City- Kaliobia Governorate.
- 1990-1993** The principal investigator for the Small Industries Development Project at 6th October city, Sharqeya governorate, Alexandria governorate, under the project of "Establishing a typical unit for drying fruits & vegetables by solar energy" in collaboration with the International Technological Cooperation Project (STC).
- Principal investigator & steering committee member, Small

- 2004** Industries Prototyping Project, supervising the implementation of 30 sampling products, in collaboration with Ministry of Military Production, Social Fund for Development, and Helwan University.
- 2000** Principal investigator (cooperator) establishing and implementing a national policy for innovation in Egypt-Patent Office, Academy of Scientific Research & Technology.
- 1997** Principal investigator, development of small environment-friendly industries project in Helwan under the project "establishing a small productive projects compound in Helwan" as part of Helwan Sustainable Development Program, Consultation Fund- ASRT.
- 1997-1999** Member, Production and Quality Services Committee, Ministry of Higher Education & State for Scientific Research.
- 1995-1998** Technical Consultant, the project of Suzzan Mubarak Exploration Center for Science, Ministry of Education.

Higher Education Enhancement Projects (HEEP)

- Following up the Higher Education Enhancement Project (HEEP) as part of the strategic plan targeting the development of the higher education system (funded by a loan from the World Bank with an amount of L.E.720 million) these projects include:
 - Faculty Leadership Development Project (FLDP),
 - Higher Education Enhancement Project Fund (HEEPF),
 - Egyptian Technical Colleges Project (ETCP),
 - Information and Communication Technology Project (ICTP),
 - Quality Assurance and Accreditation Project (QAAP),
 - Faculties of Education Enhancement Project (FOEP).
- Supervising the 5 components of the Information & Communications Technology Project (ICTP):
 - Management Information Systems (MIS)
 - Central Unit ICT Training.
 - EUN Infrastructure Upgrade.
 - Digital Libraries Project.
 - National E- Learning Center.
- Supervising UNESCO Portal on Higher Education Institutions in Egypt (HEIs).
- Supervising UNESCO Distance-Learning Project.

- Supervising the project of "Promotion of Human Rights Concepts among university students" Ministry of Higher Education in the collaboration with the National Council of Human Rights.

The scientific missions and the international conferences

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| October 2006 | The Joint China- Egypt technical committee meetings for scientific research co-operation. |
| November 2007 | Member of the delegation of the Arab Republic of Egypt to " the 11 th Conference of the Ministries of Higher Education and Scientific Research in the Arab world" Dubai-UAE (5- 6 Nov. 2007) |
| December 2007 | Member of the delegation of the Arab Republic of Egypt to "the 34 th Annual International Conference, Association of Egyptian American Scholars, Long Beach - California - U.S.A (10-18 December 2007) |
| January 2008 | The 4 th Meeting of the Joint Egyptian French Council (23-26 Jan 2008) Paris, France. |
| February 2008 | <ul style="list-style-type: none"> • Member of the Egyptian delegation chaired by the Minister of High Education and State for Scientific Research to Saudi Arabia to explore the possible collaborative channels between both countries. • Participating in the 2nd conference for Planning and Developing the Higher Education &Scientific Research (MoHE) in the Arab World (22-25 Feb 2008). |
| February 2008 | "Capacity Building &Performance Improvement Forum: Trends in the Secondary Education" (26-28 February 2008) Dubai –UAE. |
| June 2008 | Member of the 2008 Trade Mission – Canada Egypt Business Council chaired by the Minister of Higher Education & State for Scientific Research (8- 14 June 2008). |
| June 2008 | Member of the Egyptian delegation to the European Credit Transfer System Conference (ECTS), Germany (16-17 June 2008). |
| October 2008 | Chairman of the Egyptian Delegation to Kuwait to discuss the status of the Kuwaiti students studying in Egyptian HEIs. |
| November 2008 | Member of the Egyptian Delegation to attend the summit of Egyptian-Chinese Universities' Presidents, China (17-26 November 2008) |

- December 2008** Chairman of the organizing committee of the Egyptian American Scholars 35th. Annual conference "Strategies & a vision for Modern Education, under the auspices of Minister of Higher Education & State for scientific Research, 27- 29 Dec. 2008, supreme council of universities, Egypt.
- January 2009** Member of Joint Egyptian-Tunisian Technical Committee for Scientific Research, 27-30 Jan. 2009, Tunisia.
- February 2009** Participated in the ERASMUS MUNDUS Program (2009-2013) Launch conference, 16-18 Feb. 2009, Brussels.
- March 2009** Participated in the Kick-off Tempus IV projects, 23-27 March 2009, Amman, Jordan
- May 2009** Participated in G8 University Summit, 17-19 May 2009, Torino, Italy
- July 2009** Participated in Practical Observation Session Workshop: How to run a Quality Unit within the framework of TEMPUS Projects, 5-12 July 2009, Alicante, Spain.
- October 2009** Member of the Egyptian Delegation to attend Genoa Science Festival, in the frame of the Italian –Egyptian year 2009 for Science and Technology, 23-27 October 2009, Italy.
- October 2009** Member of the Egyptian Delegation of Experts on Higher Education and Research , 28-30 October 2009, Cyprus.
- December 2009** Member of the Egyptian Delegation to attend Online Information Exhibition, 1-3 December, London, UK.
- Feb. 2010** Participated in discussions concerning Equivalence system of academic degrees development project, 25 Feb.-3March, ULM University, Germany.
- March 2010** Conference organized by ARAB-ACRO & Workshop about Equivalence system of academic degrees in the Arab Countries, Lebanon 28 March- 1st. April 2010
- April 2010** Signing memorandum of Understanding with AASCU, United States of America, 26 April – 2 May 2010.
- July 2010** Participated in Education leaders forum, Warsaw, Poland 7-8 July 2010
- October 2010** Signing Memorandum of understanding with Kazakh National Pedagogical university (named after Abay), Almaty,

Republic of Kazakhstan, 5-10 October 2010.

- November 2010** Participated in Conference titled: "Boosting an Entrepreneurial Culture through Innovative learning: Issues & Implications for Policy & Practice in ETF Partner Regions" Turin, Italy 25-26 November 2010.
- April 2011** Participated in 31st Conference of the Arab Association of Registrars and Admissions Officers in Arab Universities (ARAB-ACRAO), United Arab Emirates 4-7 April 2011.
- May 2011** Participated in 'UNESCO Global Forum on Rankings and Accountability in Higher Education: Uses and Misuses' (UNESCO HQ, Paris, 16-17 May 2011).

In addition, she participated in a number of international and national conferences in the specialization area.

Improving Performance, Systems and Regulations

- Supervising the application process of the new electronic admission system- Student Admission Office.
- Conducting studies and setting criteria for developing the administrative Structure for SCU departments.
- Establishment of the fundamental rules to set the UNESCO Portal for Higher Education Institutions.
- Developing regulations of the Faculty of Applied Arts, Helwan University as the Vice Dean of Graduate Studies and Research of the higher education and researches) and supporting the faculty's new departments and developing its infrastructure.

National missions

- Member, Organizing Committee of Science Day (January 2008).
- Chairperson, organizing committee of Mother's Day Celebration and honoring of the ideal mothers from the Egyptian universities.
- Conducting international protocols and co-operation agreements and carrying following up its implementation in collaboration with ministries and organizations of the civil society and business society; such as: Ministry of communication and Information Technology, the Ministry of Social Solidarity, Ministry of Education, The National Council of Human Rights, the Arab Organization for Industrialization, British Council, German Academic Exchange Service (DAAD), the Amideast office in Cairo, Microsoft, Cisco.
- Attending sessions of the Education Committee in the People Assembly and Shoura Council for answering the inquiries of the members as a secretary general of the supreme council of universities.