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Objective

Participation in a research team in the field of smart textiles and academic activity.

Education:

- **PHD in spinning weaving and knitting, Faculty of Arts, Helwan University, Cairo, Egypt.**
Thesis:” Determination of most Suitable Indices for Selecting Non-woven Floor covering in relation to the functional performance of the End Product”.
- **Master of Applied Arts, spinning weaving and knitting, Faculty of Applied Arts, Helwan University, Cairo, Egypt.**
Thesis: “Study of the impact of different weaving techniques on the productivity and efficiency of fabrics produced by air- jet weaving machine”.
- **Bachelor of Applied Arts, spinning weaving and knitting, Faculty of Applied Arts, Helwan University, Cairo, Egypt.**

Awards & Honors:

Bachelor Graduation Grade: **Excellent with Highest distinction.**
Awarded several times for outstanding academic achievement.

Experience & Career progression:

- 2015-present** professor, College of Education, King Faisal University, KSA.
- 2012-2015** professor, College of Applied Arts, Helwan University, Cairo, Egypt.
- 2008-2013** professor, College of Education, Taiba University, KSA.
- 2007-2008** professor, Production Technology, Department of Spinning, Weaving and Knitting, Helwan University, Cairo, Egypt.
- 1999-2003** consultant and General Manager, Al Siddiqi International Group – Dubai-United Arab Emirates.
- 2003-2006** consultant and planning manager, Hesni Company for Textiles, Cairo Egypt.
- 1999** Assistant Professor, College of Applied Arts, Helwan University, Cairo, Egypt.
- 1994-1999** Faculty Instructor, College of Applied Arts, Helwan University, Cairo, Egypt.
- 1988-1994** Assistant Faculty lecturer, College of Applied Arts, Helwan University, Cairo, Egypt.
- 1985-1988** Teaching & Research Assistant, College of Applied Arts, Helwan University, Cairo, Egypt.

Patents:

• Fabrics used in heart prosthetic surgeries and alternative blood vessels (in conjunction with others), Place of registration: Ministry of Scientific Research, Academy of Scientific Research and Technology, Cairo, Publication date in Patents Journal, Issue 736, December 2012

Registration number: [Int.C1.A61F2/04,A61F2/06,DO3D15/00,D03D3/02](#)

Published Researches:

1. "The effect of Quality Monitoring of hand-made carpets on sales & Marketing". *Fifth Scientific Conference*, College of Applied Arts, Helwan University. **1995**.
2. "Study of Filter & Filtration Part I", *Journal of Science and Arts* - Helwan University - Issue 2 - Volume 10, April. **1998**.
3. "Design of Carpets between Modernization & Historical adaptation ", *Fifth Scientific conference for Humanities and social science*, Helwan University.**1998**.
4. "Effect of Friction on performance properties of several clothes material", (Part One)," *Journal of Science and Arts* - Helwan University - Issue 2 - Volume 10, April. **1998**.
5. "Design of the constructing elements of medical gloves for protection against hazards of needle pinches", *Journal of Science and Arts* - Helwan University - First Issue - Volume Eleven. January. **1999**.
6. "Achieving ideal specifications for the production of fabrics used in heart graft surgeries," *Journal of Arts and Sciences* - Helwan University - Issue Sixteen, Volume 2. April **2004**.
7. "Standards for evaluating the quality and skills of qualifying young graduates for textile handicrafts," National Research Center Conference - Cairo. December **2005**
8. "An analytical study of the elements of building handmade carpets to achieve competitiveness," the First National Forum of the Social Fund for Development - Cairo, March **2005**.
9. "The quality of the educational process in textile educational facilities and centers," the Ninth Scientific Conference of Applied Arts - Cairo. May **2005**
10. "The employment and use of textiles for medical purposes in the heart and blood vessels," *Journal of Arts and Sciences* - Helwan University - Volume Eighteen - Issue Three, July **2006**
11. "Application of Lycra in Prosthetic Heart Surgery," *Journal of Science and Arts* - Helwan University - Volume Eighteen - Issue Four, October **2006**
12. "Study of the effect of the structural composition of carpets on the proliferation of bacteria and microbes to achieve health protection for consumers." *Scientific Journal of the Faculty of Home Economics* - Menoufia University - Volume 16, October **2006**
13. "Practical procedures for studying the application of total quality management methods in textile facilities." The Fourth International Conference of the Textile Industries Research Division. National Research Center April **2007**.

14. "Applying multimedia technology in the field of textiles through designing educational models that work on CD-ROMs or on the information network." The First Scientific Conference, Faculty of Specific Education - Ain Shams University - Cairo. April **2007**.
15. Ismail Ibrahim, Walid Al-Qain, Medhat Zidan. "Evaluation of master's programs for arts departments in Saudi universities to achieve quality and academic accreditation." Deanship of Scientific Research - Taiba University - Kingdom of Saudi Arabia. May **2009**.
16. The Space of the Anatolian Carpet, an Analytical Vision,. *International Design Journal*, Volume 6, Issue 2, p 287-297, April. **2016**
<https://www.faa-design.com/files/6/18/6-2-ghany-abs.pdf>

Funded and supported research:

17. Ismail I. Mahmoud, Ghalia El-Shenawy, Hatem Tawfiq. "Benefiting from Applied Art Courses at the University Level in Developing Small Enterprises." *Route Education & Social Science journal*, Volume5 (3), March **2018**.
http://www.ressjournal.com/Makaleler/1553410284_3-15PDF.pdf
18. Ismail I Mahmoud, Muhammad A. Al-Mullah. "The role of handicrafts and heritage as a strategic element in developing and supporting tourism in Al-Ahsa Governorate." *Scientific Journal of King Faisal University*. Volume One - Issue -1 June. **2020**
<https://services.kfu.edu.sa/ScientificJournal/ar/Home/ContentsDetails/9696>
19. Ismail Ibrahim Mahmoud, Hatem Tewfik Ahmed. The role of arts in reinforcement self-employment against government jobs for the development of Crafts in the Alhsa area. *Natural Volatiles & Essential Oils*, 8(5):9454-9475. **2021**
<https://www.nveo.org/index.php/journal/article/view/2628>
20. Mahdi Mohammed Alamri, Ismail Ibrahim Mahmoud, Ahmed Wafaa Hamdi.. Factor Enable and Inhibit using Learning Management System Applications in Saudi Universities: Reasons and Solutions. *Natural Volatiles & Essential Oils*, 8(6): 3265-3282. **2021**
<http://www.nveo.org/index.php/journal/article/view/4079>
21. Mahgoub, Yassir Mohammed, Ahmed, Mohammed Keshar, Ali, Ismail Ibrahim.. The importance of artistic activities in developing pupils' creativity. *Journal of Positive School Psychology (JPSP)* ISSN: 2717-7564, Vol. 6, No. 3, 9217–9223. **2022**
<https://www.journalppw.com/index.php/jpsp/article/view/5319>
22. Ismail Ibrahim Mahmoud., Hanaa Kamel Hassan Alseaidy.. The design possibilities of Hand tuft carpets in expressing the aesthetic values of fine arts (practical models). *Journal of Positive School Psychology*, <http://journalppw.com>, Vol. 6, No. 4, 5055–5073. **2022**
<https://www.journalppw.com/index.php/jpsp/article/view/4201>
23. Alamri M. Mahdi, Mahmoud I. Ismail, Hamdi W. Ahmed. The benefits and drawbacks of using the blackboard system in Saudi universities, as seen by students and faculty members. *Journal of Positive School Psychology*, Vol. 6, No. 4, 8922–8936. **2022**
<https://www.journalppw.com/index.php/jpsp/article/view/5501>
24. Mahmoud I. Ismail, Mahmoud A. Salwa. Creative integration between commercial advertising and architectural facades. *Neuro Quantology*, Vol.20 (5): Page 3501-3519. **2022**
<https://www.neuroquantology.com/article.php?id=3317>

25. Khaled Al-Saud, Yassir Mahgoub, Ismail Mahmoud, Rommel Alali. The Role of Plastic Arts in Confirming Cultural Identity in the Age of Social Media *Journal of Namibian Studies: History Politics Culture*, (namibian-studies.com) 34(2023):1138–1158ISSN:2197-5523, May 23, 2023, Society of Cultural Studies and Social Sciences, Hong Kong, 1138-1158,2023.

<https://namibian-studies.com/index.php/JNS/article/view/1196>

Supervised Researches (Examples):

- 1999** “*Effect of Friction on performance properties of several clothes material*”, College of Applied Arts, Helwan University.
- 2000** “*Specifying some non-woven products used in Automotive industry*”, College of Applied Arts, Helwan University.
- 2000** “*Characterization of several unwoven product used in Sport Shoes Manufacturing*”, College of Applied Arts, Helwan University.
- 2000** “*Determination of fundamental parameters for selection of computerized clothes design systems*”, College of Applied Arts, Helwan University.
- 1999** “*Effect of some construction elements on the functional properties of clothes to be used in heart surgery*”, College of Applied Arts, Helwan University.
- 2000** “*The study of Design criteria of textiles used as sound and heat isolation*”, College of Applied Arts, Helwan University.
- 2000** “*study of Geo textile properties and possibilities of its applications in Egypt*”, College of Applied Arts, Helwan University.
- 2000** “*Effect of Variation in Some Construction Elements of Tuft on Its Physical and Mechanical Properties*”, College of Applied Arts, Helwan University.
- 2005** “*Applying the Technology of Multimedia on Textiles*” College of Applied Arts, Helwan University.
- 2006** “*Effect of some Geometrical construction Elements on the Functional Performance Properties of Chenille Fabrics*” College of Applied Arts, Helwan University.
- 2007** “*Achieving the Scientific Standards to Use Lycra in the Production of Denim Fabrics for Worker Clothes*” College of Applied Arts, Helwan University.
- 2006** “*Predicting the Percentage of Shrinkage from the Basic Characteristic of Denim Fabrics*”

Scientific Missions:

- Production & Planning asst. The Egyptian Factory for Oriental Carpets, Cairo, Egypt. 1983-94
- Technical Consultant, handmade textile, Green valley, Egypt. 1988
- Technical Supervisor, the National Association for the Development of Productive Family Products, Egypt. 1995
- Visiting Professor, Department of Textile Engineering, College of Textiles, North Carolina State University USA. 1996
- Contributed in Three- Dimensional Weaving researches producing multi_ axel sample using carbon fiber, NASA.USA. 1996
- Visiting Professor, College of Textiles, Clemson University, USA. 1996
- Consultant, the National Foundation for Development of Productive Families, Cairo, Egypt.1997

- Consultants & General Manager, AL sidiqi International Group, Dubai, UAE. 1999-2003
- Trainer, the Egyptian Foundation for Inspecting Imports and Exports, Cairo, Egypt. 2003
- Planning Manager, Hosni factory, Cairo, Egypt. 2003-2006
- Consultant, Damanhur Carpet Factory, Damanhur, Egypt. 2005-2006
- Technical Consultant, Ministry Of Social Solidarity, Cairo, Egypt. 2007
- Technical Consultant, 2007

- Director of Planning and Follow-up Department, Egyptian Textile Company, Cairo, Egypt. 2003-2007
- Technical advisor to the Egyptian Ministry of Endowments - Damanhur Carpet Factory, Damanhur 2006
- Consultant designer for the Applied Arts Designers Syndicate – Cairo. 2006
- Technical advisor to the Ministry of Social Affairs Cairo. 2007
- Consultant for Medica- House Company for supplies and medical textile, Cairo. 2008
- Member of the Damanhur Carpet Factory Evaluation and Development Committee - Egyptian Ministry of Endowments – Egypt. 2013

Scientific supervision:

Some of the doctoral theses that supervised and awarded a scientific degree:

- **Saadia Omar Khalil.**, The study of Design criteria of textiles used as sound and heat isolation”. 2000
- **Mahmoud Al-Shaqanqiri.**, Study of the properties of soil fabrics and some of their civil applications 2001
- **Ghalia Ibrahim El-Shenawy.**, Medical uses in prosthetic heart surgery. 2002
- **Muhammad Abdel Gawad.** Effect of some Geometrical construction Elements on the Functional Performance Properties of Chenille Fabrics. 2006
- **Fatima Saeed Al-Gohary.**, Achieving standards for the use of Lycra in the production of denim fabrics. 2007
- **Abeer Sayed Mahmoud.**, Structural composition of soil fabrics used for green spaces 2008
- **Adel Khuzaym.**, Achieving quality in woven fabrics using the Six Sigma system. 2008
- **Ahmed Wafa Abdel Hamid.**, Interactivity and smart systems in E-learning, 2011
- **Hanan Abdel Raouf Muhammad.**, Employing PCM material to obtain smart fabrics that have a rapid response by sensing the climate. 2012

Some of the master's theses that supervised and awarded a degree:

- **Hind Ahmed Amin** founded the design of carpets and non-woven carpets. 2000
- **Ola Mohsen**, Characterization of textile products used in the automotive industry. 2000
- **Nahla Hussein**, The effect of friction on the performance properties of fabrics. 2001
- **Diaa Fathi**, Criteria for selecting computer upholstery fabric design systems. 2002
- **Ahmed Wafa**. Application of multimedia technology in the field of textiles. 2006
- **Thanaa Hamza Hamed**, Textile Extraction and Recycling Strategy as a Small Industry. 2007
- **Tamer Farouk Mohamed**, developing systems for planning and organizing production processes for textile factories, 2009

Master's theses under supervision:

- **Muhammad Abdullah Zahra.**, Improving some performance characteristics of handmade floor furnishings by combining familiar, typical production methods. 2021

Discussion of and arbitration scientific theses:

Numerous discussions of master's and doctoral theses at Helwan University, the University of Tanta, Kafr El-Sheikh, and Menoufia in the Faculties of Education, the Faculty of Home Economics, and the Faculty of Applied Arts, including the following examples:

- **Shaima Mohamed Attia**, The effect of spinning methods on knitting techniques, Faculty of Specific Education - Department of Home Economics - Alexandria University 2005
- **Weam Mohamed Hamza**, Design of wet-resistant fabrics that meet the functional performance for the purpose of final use, Faculty of Specific Education - Department of Home Economics - Tanta University - Egypt 2006
- **Heba Khamis**, Quality standards for the design and production of some textile products used in surgical rooms - College of Applied Arts, Department of Textile and Knitting 2007

Research achievements and scientific projects:

- Preparing the higher diploma program at King Faisal University - Faculty of Education. 2016
- Preparing the master's program at King Faisal University - Faculty of Education. 2017
- Preparation of the Master of Graphics program - College of Education. 2018
- Preparing programs for College of Arts and Design King Faisal University. 2019

Academic suggestions:

- University of Cincinnati College of Arts and Design Proposal Workshop. 2017
- Chairperson of the Committee for Establishing the College of Designs and Arts - King Faisal University. 2019

Including the following programs:

1. Visual Arts Program.
2. Graphic design and multimedia program
3. Textiles and Fashion Program.
4. Interior design program
5. Fine photography and printing program.
6. Product design program.

Training courses (taken):

- The fourth University teacher preparation course - Faculty of Education, Helwan University. 1995
- "Costs" cycle of the Textile Industries Development Fund (Tenth of Ramadan). 2006- 2005
- A course for the "MATLAB" program for statistical and mathematical analysis. – USA 1996
- "Financial Analysis" by Hassni Industrial Development Fund (Tenth of Ramadan). 2006-2005
- A group of courses on "Developing the Use of Educational Technologies" at Helwan University 2003/2004

It included:

- Use of the Internet browser, e-mail, discussion groups, and mailing lists.
- Developing web pages and using the Internet.

- ICDL course, Faculty of Applied Arts, Helwan University. 2005
- Faculty skills development programs, faculty and Leadership capacity development project - Helwan University:
 - 1 - “Thinking Skills” 2005
 - 2 - “University Course Design” 2005
 - 3 - “Financial Analysis Skills” 2006
 - 4 - “Teaching using technology” 2006
 - 5 - “Credit Hours” 2006
 - 6- “Exam Systems and Student Evaluation” 2006
 - 7- “Legal Aspects of a Faculty Member” 2006
- Objective tests, objectives and controls - Taibah University - Medina. 2010
- The training program to prepare teaching staff members - King Faisal University 2015
- Quantitative research and SPSS program - King Faisal University 2015
- The path to invention, step by step. King Faisal University 2015
- Scientific research arbitration: international skills and standards. King Faisal University 2016
- Quantitative research and advanced SPSS program - King Faisal University 2016
- Modern trends in designing the educational situation - King Faisal University 2016
- Preparing competitive research projects - King Faisal University 2016
- Education outcomes: what they are and how to measure them - King Faisal University 2016
- Professional writing using (LATEX) program - King Faisal University 2017
- The first enrichment program, Deanship of Quality Assurance - King Faisal University 2018
- Mind and conceptual maps and their uses in academic thinking and writing, Deanship of Quality Assurance - King Faisal University 2019
- Intellectual property and patent registration Deanship of Quality Assurance- King Faisal University 2019
- Techniques of publishing in scientific journals (Scopes and ISI), Deanship of Quality Assurance - King Faisal University 2020
- Building partnerships or community service in non-profit organizations Deanship of Quality Assurance - King Faisal University 2020
- Workshop (Teaching Strategies for the Future), Deanship of Quality Assurance - King Faisal University 2021
- Advanced uses of the virtual classroom system (ULTRA) in the educational process (Deans of E-Learning Committee) King Abdulaziz University 2021
- Questionnaire and electronic forms creation system (Najez), Deanship of Quality Assurance - King Faisal University 2021
- A road map for entrepreneurship in education curricula, Deanship of Quality Assurance - King Faisal University 2021
- Search in the Saudi Digital Library, Deanship of Libraries -King Faisal University 2022
- Teaching strategies for the future - Vice Deanship for Academic Affairs – KFU. 2022

Workshops:

- Objective tests (foundations and standards), Taibah University 2012
- A workshop entitled (The student and faculty member between rights and duties). King Faisal University - Al-Ahsa, Kingdom of Saudi Arabia. 2015
- Evaluation of faculty members - College of Education - King Faisal University 2017

Community activities and exhibitions:

- A committee for sorting and evaluating the photos of the Ghani Al-Ahsa competition to acquire some of their artistic productions 2015
- Summer university activity, a creative program for my country - King Faisal University. 2016
- An initial preparatory meeting for Aljada Festival - King Faisal University. 2016
- Student Product Exhibition - in partnership with the Arab Society for Culture and Arts 2018
- The Third Annual Exhibition of the Art Education Department 2016
- The Fourth Annual Exhibition of the Art Education Department 2017
- The fifth annual exhibition of the Art Education Department 2018
- The sixth annual exhibition of the Art Education Department 2019
- Periodic exhibition of students' graduation projects College of Applied Arts 2003-2008, 2013
- The Craftsmen's House Project in cooperation between the Business Services Center, King Faisal University and the Al-Rasheed Foundation. 2023

Personal exhibitions participated in:

- Art exhibitions - Textiles Department - Annual conferences 2003-2008
- The first art exhibition for faculty members - College of Education - King Faisal University 2016.
- Art exhibition for faculty members - Al-Othaim Complex - Al-Ahsa 2016
- Art exhibition for members of the Art Education Department - College of Education- KFU 2018

Courses offered:

- Developing textile Crafts to modify the path of graduates of the Ministry of Military Production. 2004
- Methods of inspecting carpets and furnishings, Cairo Air Port Authority. 2005
- Methods of examining and evaluating woven blankets - Cairo Air Port Authority 2005
- The supply chain for the semi-manual carpet industry and small complementary industries - Taibah University. 2012
- The culture of textile industrial institutions as a performance to achieve comprehensive quality – National Research Center 2015

Contributions to the work of the committees in which he participates at the department and college levels:

- Member of the Scientific Committee for the Promotion of Professors and Assistant Professors, Helwan University.
- Member of the Promotions Committee at the College of Education - King Faisal University.
- Chairman of the Postgraduate Studies Committee, Department of Art Education, College of Education.
- Head of the team preparing programs for the College of Designs and Arts, King Faisal University.
- Member of the Cultural and Scientific Committee, Department of Art Education, College of Education.
- Academic Consulting Committee of the Department of Art Education - College of Education.
- Chairman of the Administrative Affairs, Personnel and Training Committee, Textiles Department, Faculty of Applied Arts - Helwan University – Egypt.

Personal Data:

- 1- Date of Birth: April 7th, 1962.
- 2- Nationality: Egyptian.
- 3- Marital Status: Married.

References:

Furnished Upon Request.