

# Prof. (assoc.) Dr. Hussein Abdelfatah

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## ASSOCIATE PROFESSOR OF EDUCATION TECHNOLOGY

### CAREER PROFILE

**Dedicated and accomplished** educator with a strong background in **Curriculum, Instructional Design, and Technology Integration, Generative AI** in Education and Research, **Quality and Accreditation**. Proven track record of **Research** accomplishments and **Supervision, Publications** in national and international journals, and involvement in academic conferences. Recognized for conceptualizing and implementing the groundbreaking "DGStory" learning approach, a Story-Based Dynamic Geometry method that integrates an **e-learning Environment** with Dynamic Geometry / Interactive Software. (**Notability on Google:** <https://g.co/kgs/BoNUKXq>)

### EDUCATION

- 2011**      **Ph.D. in Education "Scholarship in Education Technology"** | University of Education Karlsruhe, Germany.  
**2004**      **Master of Education "Multimedia & Mathematics"** | Faculty of Education, Suez Canal University (SCU), Egypt.  
**1998**      **Bachelor of Science and Education [Mathematics in Primary Education]** | Faculty of Education, SCU. Egypt.

### SELECTED TEACHING EXPERIENCES

Teaching courses and supervising school practicum of undergraduate, postgraduate, including: Curriculum & Instruction for German, Mathematics, and Education Technology branches, Instructional Design, Digital transformation, Educational Technology, Communication, E-Learning, Production of Multimedia, Computer-Based Educational Media Production, Photography and Image Processing, Radio and Audio Recordings, new trends in Educational Technology (Designing and Developing UI & UX of Generative AI-based Platforms for Education & Research), Educational Computing, and English readings in the field, in addition to the graduation project (capstone course).

### CORE QUALIFICATIONS

1. Providing Teaching and supervising general diploma school practicum and students of education technology branch.
2. Experienced in education technology, including developing courses, research, new trends such as generative ai and its APIs.
3. Excellent in conveying tough technical concepts to students, colleagues, and stakeholders with varied levels of competence.
4. Capable of using data analytics to make judgments for the continuous development of teaching and student performance.
5. Active member and deputy executive manager of quality and academic accreditation unit at the faculty of education.
6. Suez Canal University Award for Excellence in International Publishing Issued by Suez Canal University, October 2025.

### PROFESSIONAL EXPERIENCE

#### **Associate Professor of Education Technology, Suez Canal University (SCU) | Ismailia, Egypt      2022 - Present**

1. Deputy Executive Manager of Quality and Academic Accreditation Unit at the Faculty of Education (Jan. 2024 – present).
2. Vice Director of the Electronic General Secondary Coordination Office at Suez Canal University 2025-2026.
3. Identify opportunities for leveraging technology to enhance operations, teaching, research, and student services.
4. Participate in or contribute to research projects focusing on sustainability and educational technology.

#### **Assistant Professor of Education Technology, SCU | Ismailia, Egypt      2011 – 2022**

1. Developed and executed a strategic plan for the e-learning center, ensuring alignment with the institution's goals.
2. Oversaw the selection, implementation, and maintenance of various e-learning technologies.
3. Conducted research in the field of education technology, contributing to scholarly publications, and conferences.

#### **Assistant Lecturer with a master's degree, SCU | Ismailia, Egypt      2004 – 2007**

1. Fostered active participation among students through interactive discussions and activities.
2. Provided guidance and mentoring to students on academic and career-related matters.
3. Incorporated educational technologies to enhance learning outcomes.

#### **University Teaching Assistant (assigned as one of the top alumni), SCU | Ismailia, Egypt      1999 - 2004**

1. Chosen to pursue postgraduate studies, paving the way for future role as a faculty member.
2. Assisted the faculty in preparing and delivering lectures, seminars, and workshops.
3. Offered clear and helpful feedback to students, fostering their learning progress and development.

## PROFESSIONAL PROJECTS

1. EduCamp Project University Coordinator | European Union's TEMPUS **2012 – 2014**
2. Member of RUCAS Sustainability Project | UNESCO, EU, and University of Crete **2010 – 2013**
3. Member of ICT4EDU Project | ERASMUS, EU and MENA Countries **2021 – 2023**
4. Quality and Academic Accreditation Project at the Faculty of Education, SCU **Jan. 2024 – present**

## SELECTED ATTENDED TRAININGS

- 2025** Quality and Accreditation Training: Preparing the Self-Study and Course Description.
- 2024** Action Research training by Education Development Center and the USAID Teacher Excellence Initiative.
- 2023** Anti-Corruption Program at the National Academy affiliated with the Administrative Control Authority.
- 2023** University Leadership Preparation Course at Suez Canal University.
- 2016** Professional development training for faculty members required for promotion to associate professor.
- 2014** Virtual learning environments and the future of education in Egypt and the Arab world.
- 2013** Self-assessment and improvement plans for pre-university education institutions.
- 2012** TEMPUS EU Training of Trainers on Education for Sustainable Development.

## OTHER EXPERIENCE

### Reviewer and committee member for international Q1 & Q2 journals and conferences indexed at Web of Science (record/O-4387-2016):

1. Journal of Computing in Higher Education.
2. International Journal on E-Learning.
3. Instructional Science.
4. Frontiers in Education.
5. Education and Information Technologies.
6. International Journal of Artificial Intelligence in Education
7. International Journal of E-Learning and Educational Technologies in the Digital Media.
8. Conference of Cognitively Informed Technology at University of Bahrain (2015).

### Trainer at:

1. Professional Teachers' Academy. (2016-2019).
2. Community Individuals Training Center at SCU.

### Manager of:

1. ESD Training Center (2013-2016).
2. University E-Learning Center (2011, 2012).

## SELECTED RESEARCH & PUBLICATIONS

- **2025:** Using Open Badges Based on Educational Theory in an E-Learning Environment to develop Intended Learning Outcomes.
- **2025:** The Future of Learning in the Age of Artificial Intelligence (AI)–The Effects of AI on an Environment of Teaching and Learning.
- **2024:** MOOC-Based E-Platform During the Corona Pandemic to Qualify and Train Women to achieve Sustainable Development.
- **2023:** The Drivers of Change for Future Learning: How Teachers Were Taught in the COVID-19 Crisis and What Will Come Next?
- **2022:** Content presentation styles (electronic/mobile) within an intelligent learning system and their impact on developing some skills of using semantic search engines among professional diploma students at the College of Education.
- **2020:** A mind-map web-based learning environment to develop visual thinking skills in science for preparatory schoolers.
- **2019:** Educational tasks of three-dimensional learning management system and its impact on the development of self-regulation skills of students in public education diploma: A case Study.
- **2016:** Effect of using a developed spoken social networking website on instructional technology students' attitudes and habits.
- **2015:** The Effectiveness of using Simulation Technology on Developing Professional Competencies of Fresh Graduates in Garments.
- **2014:** A multimedia program for hearing handicapped primary stage pupils to develop computer basic skills and the transfer of its learning impact.
- **2011:** A story-based dynamic geometry approach to improve attitudes toward geometry and geometric proof.
- **2004:** The Effectiveness of a Multimedia-Based Program for Primary Prospective Teachers (Math's Section) to Acquire the Applied Mathematics Prerequisites and Its Transfer of Learning.

**REFERENCES:** Available upon request.