

Curriculum-Vitae

PERSONAL INFORMATION:

Name: SARA MOHAMED NABIL MOHAMED ELKABAY

Nationality: Egyptian

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Gender: Female

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QUALIFICATIONS:

- **Ph.D. in Architecture** at Al-Azhar University in Cairo Entitled (Architectural Free-Forms and Their Influence on Architecture: Form, Function and Construction) in (31/3/2021).
- **MSc in Architecture** at Al-Azhar University in Cairo Entitled (Virtual Reality in the Era of the Digital Revolution "New Visions for the Future of Architectural Design") in (20/5/2015).
- **Bachelor of Architecture** at Al-Azhar University in Cairo in (26/8/2010) Appreciated Accumulatively Very Good with Honors - the Second Level on the Class of 2010.

SKILLS AND EXPERIENCE:

language

- Arabic (Mother tongue)
- English (Reading - writing - speaking)

Computer Software

- (Microsoft Office)
- (AutoCAD)
- (Photoshop)
- (Sketch up)
- (Grasshopper)
- (SolidThinking Inspire)

Other

- Fluency in a free drawing.
- Proficiency in computer applications automated.
- Ability to communicate within the teamwork under pressure.

COURSES TAUGHT:

Courses taught for students:

- Architecture Students - First Year (Architectural Design- Architectural Drawing- Working Drawing - Shadow and Perspective Drawing).
- Architecture Students - Second Year (Architectural Design - Architecture Theories).
- Architecture Students - Third Year (Architectural Design - Working Drawing - Human sciences).
- Architecture Students - fourth year (Graduation Project - Architectural Design - Architecture Theories - Urban Design - Project Management).

Courses Taught for My Academic Colleagues:

- (SciVal: A Tool to Analyze the World of Research) Workshop to Analyze Data Related to Scientific Research and International Publication at Faculty of Engineering- Girls branch Al-Azhar University on 21 October 2019, Egypt.

ACADEMIC ACTIVITIES IN COLLEGE AND UNIVERSITY:

- Manager of the Measurement and Evaluation Unit at the Faculty of Engineering.
- Head of the Self-Study Preparation Committee at the Quality Unit, Faculty of Engineering.
- Member of the Architecture Decisions Description Committee.
- Member of the Technical Support Committee for E-Learning.
- Member of the Credit Hour System Academic Programs Committee.
- Member of the College and University Protocols Team.
- Member of the International and Local Competitions Team to Monitor and Evaluate Student Activities.
- Member of the International Academic Data Collection Team and Their Correspondence as a Requirement of the International Classifications of the University.
- Member of the University's SciVal Champions Team to Analyze Data Related to Scientific Research and International Publication.
- Engineers Syndicate Membership Number (044069/29) on 20 December 2010.

COMMUNITY SERVICE:

Participation and volunteering in each of the following institutions

- **Association (Message) for charity in Egypt**, It does more than 24 different charitable activities, Such as sponsoring an orphan or sick person, developing slums, blood bank, caring for the elderly, blind, deaf and people with special needs, the activity of memorizing the Qur'an, building mosques, preserving the environment and feeding activity.
- **Association (Educate Me)**, The institution aims to define another form of education in Egypt and is concerned with improving the educational level of children whose families

suffer from a low financial level.

APPRECIATION CERTIFICATES FOR ATTENDING WORKSHOPS, SEMINARS AND ACADEMIC TRAINING COURSES:

- **New Features in Scival (Azhar Champions)**, on Monday 22 November 2021 at Ranking Committee of Egyptian Knowledge Bank, Cairo, Egypt.
- **Researchers Profile and Communication Skills**, on Monday 1 November 2021 at Ranking Committee of Egyptian Knowledge Bank, Cairo, Egypt.
- **Monitoring Performance in SDGs via SciVal**, on Thursday 28 October 2021 at Ranking Committee, Cairo, Egypt.
- **Management of Credit-Hour System Academic Programs**, Held in 23-25 October 2021 at Al-Azhar Quality Assurance and Training Center, Cairo, Egypt.
- **Monitoring Universities Ranking in the Arab Countries and on Global Level**, on Monday 11 October 2021 at Ranking Committee, Cairo, Egypt.
- **Researchers Profile and Communication Skills**, on Monday 1 November 2021 at Ranking Committee of Egyptian Knowledge Bank, Cairo, Egypt.
- **The Role of the Center and Units of Measurement and Evaluation, Methods of Measurement and Evaluation**, on 4-5 October 2020, at Saleh Kamel Center for Islamic Economics at Al-Azhar University, Cairo, Egypt.
- **How to Get Published Workshop**, on Sunday 13 October 2019 at Al-Azhar University, Cairo, Egypt.
- **The Research Quality and Performance Workshop**, on Monday 23 September 2019 at Al-Azhar University, Cairo, Egypt.
- **The Research Funding & Collaboration Workshop**, on Wednesday 18 September 2019 at Al-Azhar University, Cairo, Egypt.
- **SciVal Champions Program: Session 1**, on Tuesday 30 July 2019, at Al-Azhar University, Cairo, Egypt.

ACADEMIC POSITIONS:

- **Appointment as A lecturer** at Architecture Department, Faculty of Engineering, Al-Azhar University, (31/07/2021).
- **Appointment as An Assistant lecturer** at Architecture Department, Faculty of Engineering, Al-Azhar University, Cairo, Egypt, (08/09/2015).
- **Appointment as A Demonstrator** at Architecture Department, Faculty of Engineering, Al-Azhar University, Cairo, Egypt, (22/03/2012).

ACADEMIC COURSES:

- **Course (Research Design Skills)** At Al-Azhar Quality Assurance and Training Centre.
- **Course (Student Evaluation)** At Al-Azhar Quality Assurance and Training Centre.
- **Course (Self-Institution Assessment)** At Al-Azhar Quality Assurance and Training Centre.
- **Course (Curriculum Mapping and Course Description)** At Al-Azhar Quality Assurance and Training Centre.
- **Course (Effective Presentation Skills)** At Al-Azhar Quality Assurance and Training Centre.
- **Course (Ethics of Scientific Research)** At Capacity development center Faculty members and leaders - Ain Shams University.
- **Course (Analysis of the data and draw conclusions and discussion)** At Capacity development center Faculty members and leaders - Ain Shams University.
- **Course (Techniques of learning and teaching)** At Capacity development center Faculty members and leaders - Ain Shams University.
- **Course (Writing techniques of scientific research)** At Capacity development center Faculty members and leaders - Ain Shams University.

PUBLICATIONS:

- **(The Impact of Information Technology on the Design of Architectural Spaces of Banks)** Al-Azhar Engineering 16th. International Conference (AEIC)), July 2024.
- **(Towards Achieving Sustainable Environmental Efficiency: Rationalizing Energy used in Educational Buildings of University Campus)** IOP Conf. Series: Earth and Environmental Science (Visions for Future Cities), September 2023.
- **(Study the Effect of Electromagnetic Radiation towards Sustainable Healthy Buildings)** Journal of Engineering Sciences and Information Technology, (AJSRP), March 2023.
- **(Enhancement of Concrete Structural Elements and Their Effect on Lighting Openings of Buildings and Cost)** Journal of Al-Azhar University Engineering Sector, (JAUES), October 2020.
- **(Optimization of The Panels Used in Free-Form Buildings and Its Impact on Building Cost)** 13Th International Conference on Civil and Architecture Engineering, (ICCAE), July 2020.
- **(Optimization of Load-Bearing Concrete Wall Using Genetic Algorithm to Achieve Mechanically Integrated Behavior)** 13Th International Conference on Civil and Architecture Engineering, (ICCAE), July 2020.
- **(The Development Of Building Technology And Its Impact On The Architectural Product Energy To Global Climate)** The International Conference Environment and Sustainable Development, March 2018.
- **(Virtual Reality in The Era of The Digital Revolution - New Visions for The Future of Architectural Design)** Journal of Al-Azhar University Engineering Sector, (JAUES), October 2016.