

# Emad E. Hamdy

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## **Profile:**

**Dr.Emad Hamdy** PhD graduate in (Proposed Methodology for Business Administration of Engineering Offices), specializing in (Architecture project management in design and working drawing phases-Comprehensive Architectural Design). Moreover, highly experienced in (Architecture software CAD-working drawings), with practical experience in working knowledge of familiarity with (Architecture design-Project management).

**Dr. Hamdy** obtained his experience from academic and professional experience as an architect. He was teaching architecture/CAD in many universities and schools of architecture. He was practicing architecture in multinational engineering and architecture consulting firms.

## **Objectives:**

To join international reputation university to achieve my objectives towards students:

- Provide sufficient stimulus and inducement learning strategies.
- Achieve a pleasant and enjoyable learning milieu, Diminish excess stresses on students.
- Advising the low-level students and the student with learning disabilities.
- Blending academic information and professional practices.
- Build epistemological freedom and an open minded milieu in the design studio.
- Taking into account individual differences among students.
- Applying academic research in the architecture pedagogy.
- Cooperation with the technical departments (Civil-Electrical-Mechanical) in collaborative projects.
- Assessment methods based on pre-determined criteria.
- Learning them the recent architectural trends.

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## **Research:**

My principal research interests lie in the field of architecture pedagogy and impacts upon the architecture design studio. I am currently investigating the impact of varied learning styles. Using the latest pedagogical tool and techniques. Along with the foregoing, I am strongly interested in the integration of the actual professional practice with academic study, based on the latest architectural software.

My future research plans are to build on the foundations of my PhD and my previous research to further develop models and tools in conjunction with the departments of architecture in the corresponding universities for the development of architectural education.

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## **Education:**

**Doctor of Philosophy (PhD), Architecture, Project management,** Al-Azhar University, Cairo, 2013.

<u>Thesis:</u>	“Proposed Methodology for Business Administration of Engineering Offices”
<u>Supervisor:</u>	Prof.Dr.Salah Zaki Said, Prof. of Architecture. Faculty of Engineering. Al- Azhar University.
<u>External examiner:</u>	Prof. Dr.Ahmed Samer Ezz Eldin, Prof. of Project Management. Faculty of Engineering. The American University in Cairo (AUC).

**Master of Architecture (M.Arch)**, Architecture, **Project management**, Al-Azhar University, Cairo, 2006.

<u>Thesis:</u>	Risk Management in Modern Architectural Projects – Design Phase
<u>Supervisor:</u>	Prof. Dr.Mohamad Zakria Eldars, Prof. of Architecture. Faculty of Engineering. Al- Azhar University.
<u>External examiner</u>	Prof.Dr.Ahmed Samer Ezz Eldin, Prof. of Project Management. Faculty of Engineering. The American University in Cairo (AUC).

**Bachelor of Engineering (B.Arch.)**, Architecture department, Al-Azhar University, Cairo, 2001.

### **Teaching Experience:**

- **Current job:** Lecturer, architectural engineering department Canadian international college (CIC).
- Lecturer, architecture department Misr International University (MIU).
- Visiting lecturer AutoCAD, primavera (Cairo University- faculty of engineering).
- Visiting lecturer AutoCAD courses (Al-Azhar University - faculty of engineering).
- Assistant lecturer, (High institute for engineering 15 may city).

### **Teaching course:**

- Engineering drawing and projections.
- Working drawings I-Working drawings II.
- Architectural Design Studio II- Architectural Design Studio III.
- Building construction I.
- Design methods.
- Analysis & research skills.
- Interior design.
- Graduation project.

### **Training workshops:**

- Self - evaluation of colleges and institutes of higher education institutions.
- Scientific publishing.
- Characterization of programs and courses and evaluation of learning outcomes for colleges and institutes of higher education.
- Effective teaching and learning strategies for colleges and institutes of higher education.

### **Positions of responsibility:**

- Acting Head of the Department of Architecture in Canadian International College.

- Member of the Board of Directors of the Faculty of Engineering, Canadian International College.
  - Reviewer in **International Journal of Environment and Sustainable Development**, (IJESD) is indexed in Scopus (Elsevier).
  - Member of Executive editorial committee in CIC 2<sup>nd</sup> Multidisciplinary international conference (sustainable development strategy) May 3-4, 2017 Cairo.
  - Member of curriculum development team.
  - Head of program specification committee.
  - Supporting students in a pastoral/advisory role.
  - Established collaboration outside the institution.
  - Coordinated academic and policy dissemination.
  - Managed and supervised faculty staff.
  - Supporting students in a pastoral/advisory role.
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### **Publications/Conference Papers/Books:**

- Author of the book entitled, "**the secrets of excellence in engineering and architectural offices - real experiences and practices to achieve excellence and success in engineering and architectural offices**", Noor Publishing House, ISBN: 978-3-330-96612-3.
- "**Risk Management in Modern Architectural Projects – Design Phase**" October **2007**, 20th IPMA World Congress on Project Management at: shanghai – China, Volume: 1.
- "**Marketing role in development architecture offices**", 21-23 December **2010**, Al Azhar's 11<sup>th</sup> International Conference. Cairo, Egypt.
- "**Influence of Project management office on performance inside architecture and engineering office through the design phase**" December, 25-27, **2012**, Al Azhar's 12<sup>th</sup> International Conference, Cairo, Egypt.
- "**Deconstruction architecture: philosophy and influences on Arabian architecture identity**". **2014**, Published at Qassim Univ. First forum of faculty of architecture and urban design-20/5/2014). DOI: [10.21625/archive.v2i4.369](https://doi.org/10.21625/archive.v2i4.369) Online ISSN: 2537-0162, Print ISSN : 2537-0154
- "**Utilizing (CAAD) in the design studio to consolidate with a professional practices- Pedagogical-based approach**", **2016** Published in the 8th International Conference of the Arab Society for Computer Aided Architectural Design (ASCAAD 2016), SOAS University of London, London, UK from 7th to 8th of November 2016.
- **The correlation of deconstruction architecture to Arab architectural identity**, 12-14 December **2017**, Al Azhar's 14<sup>th</sup> International Conference on « **Engineering, Architecture and Technology** », Cairo.
- "**Pedagogical Praxis In Architecture Design Studio: (Case Study Applied On Sophomore Architecture Student)**" Original Article, **2019**, Journal of Al-Azhar University Engineering SectorVOL. 14, NO. 50, JANUARY, 2019, 215-227 DOI:[10.21608/aej.2019.28484](https://doi.org/10.21608/aej.2019.28484)
- "**Utilize sustainable building design via applying LEED® V4.**" Under publication in Journal of the Egyptian society of engineers. Ramsis st. Cairo <http://www.egsen.org/>

- **“Learning styles theory at pedagogy in the architectural design studio”**, Under publication in Journal of the Egyptian society of engineers. Ramsis st. Cairo <http://www.egsen.org/>
- **“Implementation and Assessing Utilizing of VARK Theory at Pedagogy in the Architectural Design Studio: Experimental study”**, 2020, Journal of Al-Azhar University Engineering Sector. Vol.15, No. 54, January, 2020, 1- 12.
- **“The influence of architectural elements of food courts on users visiting behavior: A questionnaire survey”**, under publication in Journal of the Egyptian society of engineers. Ramsis st. Cairo <http://www.egsen.org/>
- **"Evaluation of shopping malls' lighting: a survey on the consumers' perception of illumination types"** under publication.

### **Research activities:**

- **"Risk assessment and management for engineers"** American University in Cairo.
- Leader of German & Egyptian group prepared an urban planning workshop in Egypt **“Microfinanced urban renewal”** Nürtingen University of applied sciences.
- **PMP Preparation course.**
- **Firm’s management modern approach.**

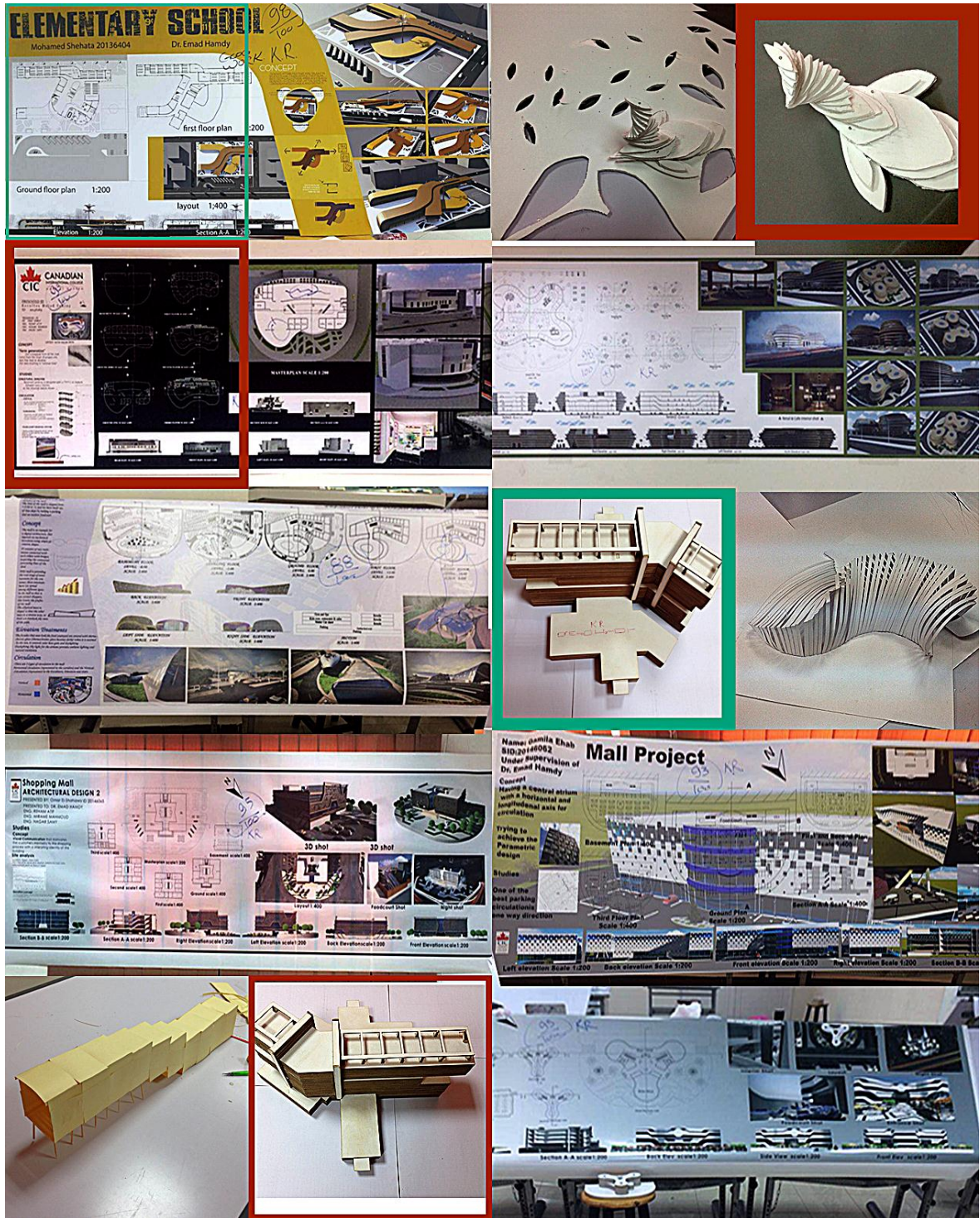
### **Professional Experience:**

- **Sep. 2006- till now:** Partner in BANAN consulting engineers.
- **Nov. 2003- Sep. 2006** Construction documents designer in EHAF consulting engineering Dr. Ezz Eldin Fahmy & Dr. Housen Abbas-AS CAD manager.
- **Oct. 2003- June 2004** Interior designer in integration bureau of architecture. (Part timer).
- **Mar. 2003 – Nov. 2003:** Working drawing designer in Pac planners - architects - consultants Dr. Mohammad eldars.

### **Honors and Recognitions:**

- The best academe performance 2016 in (CIC).
- Certificate of appreciation award of valued participation in academic work, October 2019.

### **Students’ works in architectural design studio.**



**Students' works in interior design studio.**

