Khaled Ali Youssef

Professor, Ph.D. in Architectural Engineering
BIM, Autodesk Building Performance Analysis Certified

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Egypt	Egypt

Personal Information

Date of Birth	Dec. the 25th, 1973
Place of Birth	Assiut, Egypt
Nationality	Egyptian
Languages	Arabic (Native), English and German (Grundstuffe I & II)

Scientific Degrees

- **B.Sc.** in Architectural Engineering, Assiut University; *Excellent with a degree of honors*. (May 1996)
- **M.Sc.** in Architectural Engineering; Assiut University. Thesis title: 'Contemporary Western Architecture and Impacts on Egyptian Architecture' (March 2001).
- **Ph.D.** in Architectural Engineering (Channel System: Assiut University, Egypt & Kunst University, Austria). Thesis title: 'Intelligent Architecture: Contemporary Refinement of Local Architecture' (September 2006).

Career and Profession

- **Professor**, Department of Architectural Engineering, Faculty of Engineering, Assiut University, Assiut, Egypt. (September 2019 till present)
- **Professor**, Department of Architecture, Faculty of Environmental Design, King Abdul-Aziz University, Jeddah, KSA. (August 2019 till present)
- **Associate Professor**, Department of Architecture, Faculty of Environmental Design, King Abdul-Aziz University, Jeddah, KSA. (January 2012 – April 2017)
- **Assistant Professor**, Department of Architecture, Faculty of Environmental Design, King Abdul-Aziz University, Jeddah, KSA. (September 2009 – January 2012)
- **Lecturer (Assistant Professor)**, Department of Architectural Engineering, Assiut University, Egypt. (November 2006 – August 2009)
- **Associate Lecturer**, Department of Architectural Engineering, Assiut University, Egypt. (October 2004 – October 2006)
- **A Ph.D. channel-system candidate**, Institute of Architecture and Industrial Design, Kunst University, Austria. (October 2002 – September 2004)
- **Associate Lecturer**, Department of Architectural Engineering, Assiut University, Egypt. (April 2001 – September 2002)
- **Assistant Lecturer**, Department of Architectural Engineering, Assiut University, Egypt. (October 1996 – March 2001)

Fields of Specialization and Interest

- Theories of Architecture
- Architectural Design
- Urban Design
- BIM
- Knowledge Cities

Competitions, Prizes and Awards

- Rowat Al-Hadith Museum, Al-Madina Al-Monawara, Saudi Arabia (2019)
- The Iconic Mosque (3 submissions _ under review), Dubai Creek Harbour, United Arab Emirates (2018)
- Dar Al-Uloum Library, Sakaka, Al Jouf, Saudi Arabia (2018)
- College of Architecture and Design, Effat University (2014)
- Egyptian Engineers Syndicate, Assiut Brach, First Prize (2012)
- Best Research in the field of Architectural Engineering-, Assiut University (2009)
- Solidarity Fund Land Lot Development-Egyptian Engineers Syndicate, Al-Obour City, Appreciation Award (2008)
- The British Council Ph.D. Research Competition Award for the year 2005, The British Council - Egypt (2005)
- A design of 'Stores and Cars Shelter', Voest-Alpine Company, Linz, Austria, Fifth Prize (2002)

Academic Research Projects

- A VR applications gallery, Johannes Kepler University, Linz, Austria (2003)
- CAVE simulation of Johannes Kepler University Campus, Johannes Kepler University, Linz, Austria (2004)

List of Publications

1. **"استراتيجيات إدارة مواقف السيارات لتطوير المنطقة المركزية لمدينة أسيوط بمصر: الفرص والتحديات"**، مجلة العلوم الهندسية، العدد رقم 84- رقم 4، ص 687-713، كلية الهندسة – جامعة أسيوط – جمهورية مصر العربية، 2020.

2. 'Evidence-Based Design Education: Smart Growth Unit as A Case Study', Journal of Engineering and Applied Science, Vol. 62 No. 6, Dec. 2015, Faculty of Engineering, Cairo University.

3. 'Architecture of 'Fear': The Case Study of Souk El-Nagem, Old Taima, Saudi Arabia'. IEREK: Conference of Conservation and Architectural Heritage, Luxor-Aswan, 23rd -27th November 2015, and ELSEVIER, Procedia - Social and Behavioral Sciences 225 (2016) 74 – 84.

4. 'Makkah, a Unique Knowledge City: Universal Spirituality, Global Reach and Local Economy', Journal of Environmental Design Sciences-King Abdulaziz University, Volume 9 (2015), pp155-167.

5. 'Energy Efficient Design Education through Architectural Design Studio Projects'. CIBMENA 2014 Conference "Smart, Sustainable and Healthy Cities", Abu Dhabi, December 14th -16th, 2014.

6. 'Horizontal Design Studio versus Vertical Design Studio: A Tale of Two Architecture Schools', ICERI2014 (7th International Conference of Education, Research and Innovation), Seville (Spain), 17-19 November, 2014, **Pages:** 5024-5034, **ISBN:** 978-84-617-2484-0.

7. 'Collaboration Models for Knowledge Management: the City of Jeddah, Saudi Arabia, as a Case Study', Int. J. Knowledge-Based Development, 2014, Vol. 5, No. 2, pp. 173-190.

8. **" فرص وتحديات تطبيق مفهوم "البلوك الحضري" كنموذج عمراني: المنظور التعليمي"**، ندوة "الآثار الاجتماعية للتوسع العمراني في المدينة العربية"، المعهد العربي لإنماء المدن، المدينة المنورة، المملكة العربية السعودية، 8-10 أبريل 2013.

9. 'A Methodology to Develop a Strategic Research Plan for the Department of Architectural Engineering, Assiut University', Journal of Environmental Design Sciences-King Abdulaziz University (2012).

10. 'Towards Integrated Sustainable Transportation Profile: a Case Study of Gharb El-Balad district, Assiut City, Egypt', International Journal of Environment and Sustainable Development, 2011 - Vol. 10, No.3 pp. 322 - 343.

11. 'Knowledge Cities through 'Open Design Studio' Educational Projects: The Case Study of Jeddah City', International Journal of Knowledge-Based Development, 2011, Vol. 2, No. 3, pp 295 – 315.

12. 'Knowledge Cities through 'Open Design Studio' Educational Projects: The Case Study of Jeddah City', Knowledge Cities World Summit, Melbourne, 16-19 November 2010, Australia.

13. 'Real projects versus instructed protocols: a compromised profile for proposing architectural design teaching projects', Journal of Design Research, Vol. 8, No. 4, pp.375–391. (2010).

14. 'The Perplexity of Parking Requirements: Standardization versus Customization', 8th International Architectural Conference; IACA8 'Architecture and Built Environment: Contemporary Issues', Department of Architectural Engineering, Assiut University, Egypt, 13-15 April 2010.

15. 'Developing Street Network in Gharb El Balad District: Towards Sustainable Transportation', International Conference of 'Technology and Sustainability in the Built Environment', King Saud University, Riyadh, Saudi Arabia, 3-6 January 2010, Volume 4, pp 687-706.

16. 'Video-Mediated and Live Interaction based Communication Channels: Towards Better e-Government Performance', the 3rd e-Services Symposium in the Eastern Province of Saudi Arabia, Khobar, Saudi Arabia, 26-27 February 2008, pp 46-57.

17. "العمارة الذكية ودورها في دعم منظومة أمن وسلامة البيئات المعمارية والعمرانية"، ندوة إدارة الكوارث وسلامة المباني في الدول العربية، وزارة الشئون البلدية والقروية، المملكة العربية السعودية، مارس 2008.

18. 'Economics of Knowledge Cities: Opportunities and Challenges', 2nd International Symposium on 'Knowledge Cities', Shah Alam, Malaysia, July 2007.

19. " الحكومة الإلكترونية والعمل الإليكتروني من المنظور المعماري والعمراني"، الندوة العلمية الدولية التاسعة لمنظمة العواصم والمدن الإسلامية "تأثير تقنيات الاتصالات والمعلومات على تطوير الخدمات البلدية: نحو الحكومة الالكترونية"، أنقره - الجمهورية التركية المتحدة، يونيو 2007.

20. "العمارة الذكية ومتطلبات الحي السكني: رؤية نقدية"، ندوة الإسكان-3، الهيئة العليا لتطوير مدينة الرياض، المملكة العربية السعودية، مايو 2007.

21. 'Exploiting Perspectives on Intelligent Architecture to Develop Exiting Built Environments: Department of Architectural Engineering, Assiut University - A Case Study', AICA-6, the Department of Architectural Engineering, Assiut University, Egypt, March 2005.

22. 'The Conflict of Architectural Intelligence: Towards an Integrated Profile of Intelligent Architecture', AICA-6, the Department of Architectural Engineering, Assiut University, Egypt, March 2005.

23. 'Will the Information Age Global Culture Accelerate the Rise of the Information Age Global Architecture? A Provisional Proposal to Measure Experiencing Globalization', Globalization and Representation, University of Brighton, the UK, March 2005.

24. 'The Information Age Global Culture: Will It Accelerate the Rise of the Information Age Global Architecture?', ARCHCAIRO, Faculty of Engineering, Cairo University, Egypt, February 2005.

25. 'A Virtual Reality Applications Gallery: Towards a More Concrete and Dynamic Relationship between Architecture and Virtual Reality', ARQUITECTURA 3000, Barcelona, Spain, July 2004.

Books Authorship and Translation

- "تعليم التصميم المعماري: قضايا وقناعات"، مكتبة الأنجلو المصرية- مايو 2019

- Francisco Javier Carrillo (2006) "Knowledge Cities: Approaches, Experiences and Perspectives", Elsevier Inc. Translation into Arabic For: سلسلة عالم المعرفة، المجلي الوطني للثقافة والفنون- الكويت (عدد أكتوبر 2011 ISBN: 978-99906-0-345-3 (Translator)

Lectures: Keynote Speaker

- 'The Capabilities of Jeddah City to transform into a Knowledge City; Education Perspective', GCC Municipalities and Towns Development Global Competitiveness Strategy Conference, June 6-10, 2010 – Burj Al Arab Hotel, Dubai.
- 'University, Municipality, The Private Sector and The Community: Knowledge Management Collaboration Model for The City of Jeddah, Saudi Arabia', GCC 2020 Municipalities Conference October 22-23, 2013 - Dusit Thani Hotel, Dubai.
- "Intelligence meets Buildings", Arab League Center, Crowne Plaza Dubai Deira, Dubai – 27 November 2016
- "Life-safety and Security for Buildings", Arab League Center, Crowne Plaza Dubai Deira, Dubai – 28 November 2016
- "Management of Intelligent Buildings", Arab League Center, Crowne Plaza Dubai Deira, Dubai – 29 November 2016

Supervision of Post-Graduate Candidates

- Zainab Mahmoud Abdul Salam, M.Sc. Degree (2011) "An Analytical Study of Systems and Techniques of Intelligent Buildings", Department of Architectural Engineering, Assiut University, Egypt.
- Samy El-Shamrany, M Arch (In progress) "Knowledge Cities: Impacts on the Urban Development of Jeddah City", Department of Architecture, Faculty of Environmental Design, King Abul-Aziz University, Jeddah, KSA.

Training Courses

- "Building Performance Analysis", Autodesk, August 2014.
- "Credit Hour System", Faculty and Leadership Development Project (FLDP), Assiut University, Egypt (2011).
- "Ethics of Academic Research", Faculty and Leadership Development Project (FLDP), Assiut University, Egypt (2011).
- "10 ICT Training Courses" including: *Basic Concepts of IT, Using Computer and Management Files, Word Processing, Spreadsheets, Introduction to PC Maintenance and Protection, Presentation, Data Base, Information and Communication, Graphics- Adobe PhotoShop, and Web Publishing Using FrontPage*, Supreme Council of Universities, Improving Higher Education Workforce ICT Skills Project, Assiut University (2007)
- "Writing a Scientific Paper and E-Publishing", Faculty and Leadership Development Project (FLDP), Assiut University, Egypt (2006).
- "Thinking Skills", Faculty and Leadership Development Project (FLDP), Assiut University, Egypt (2006).
- "University Law and Legislations", Faculty and Leadership Development Project (FLDP), Assiut University, Egypt (2006).
- "New Trends in Teaching", Faculty and Leadership Development Project (FLDP), Assiut University, Egypt (2006).
- "Active Teaching", Faculty and Leadership Development Project (FLDP), Assiut University, Egypt (2005).
- "Use of Technology in Teaching", Faculty and Leadership Development Project (FLDP), Assiut University, Egypt (2015).
- "Student Evaluation", Faculty and Leadership Development Project (FLDP), Assiut University, Egypt (2015).
- "Conference Organization", Faculty and Leadership Development Project (FLDP), Assiut University, Egypt (2015).

- "Flipped Classroom", Kind Abdulaziz University, Jeddah, Saudi Arabia, (2016)
- "Quality Standards in E-Exam Design", Kind Abdulaziz University, Jeddah, Saudi Arabia, (2016)
- "Basics of E-Learning Management System", Kind Abdulaziz University, Jeddah, Saudi Arabia, (2016)

Selected Architectural Projects

- **Marriott AC**, Jeddah, Saudi Arabia-In progress (2019)
- **Hilton Garden Inn**, Jeddah, Saudi Arabia (2016-2017)
- **Al Batarji Hotel**, Jeddah, Saudi Arabia (2016-2017)
- **Experts' Medical Center**, Jeddah, Saudi Arabia (2017)
- **Urban Redevelopment of Souq Al Shatea Area**, Jeddah, Saudi Arabia (2017)
- **Urban Design of Souq OKAZ Entrance Zone**, Taif, Saudi Arabia (2016)
- **Urban and Architectural Design Guidelines of King Abdullah New District (KAND)**, Jazan, Saudi Arabia (2014-2016).
- **Makkah Jewel,** The City of Makkah, Saudi Arabia (2014)
- **Urban Redevelopment of Central Taif**, Saudi Arabia, Red Sea for Engineering Consultancy (2012)
- **Anniversary Roundabout, Central Taif**, Saudi Arabia, Red Sea for Engineering Consultancy (2012)
- **Egyptian Engineers' Syndicate in Assiut (1st Prize)**, Assiut (2012)
- **Olympic Swimming Pool**, Luxor City (2009)
- **Mixed Use Complex (Administrative, residential and commercial),** Middle Egypt Electricity Distribution Company (2009)
- **Heritage Handcraft Village**, Assiut governance (2007-2008)
- **Strategic Plan of Bany Adyat Villages**, Ministry of Housing, Utilities and Urban Development (2007-2008)
- **The National Project of "Build Your House"** in Assiut New City, Menia New City and Aswan New City (2007)
- **Housing Project for Assiut University Teaching Staff Members**, Assiut University, Egypt (2007)
- **Urban Design and Landscape of Youth Housing and Future Housing**, Assiut New City, Egypt (2002)
- **'Dar El-Salam' Hospital**, Sohag, Egypt. (2001)
- **Fire-Fighting Center**, Sohag, Egypt. (2001)
- **Al-Shorouk Village for Orphans,** El-Kawther District, Sohag (2001)
- **T3A Mosque**, Abnoub, Assiut (2001)
- More than 20 **Residential Projects** in Sohag, Assiut and Assiut New City (2001 – 2007)