



1. Name and Academic Rank: ADEL EL-KORDI, PhD. Dean and Professor (Full-time)

2. Education: Degrees, Discipline, Institution and Date:

- Ph.D., Civil Engineering – Structures Alexandria University, Egypt 1988
- M.Sc., Civil Engineering – Structures Alexandria University, Egypt 1983
- B.E., Civil Engineering – Structures Alexandria University, Egypt 1977

3. Work experience

- Academic
 - Dean Faculty of Engineering, Beirut Arab University, Sept. 2012 - present.
 - Dean College of Engineering, Alexandria University, 2009 – 2011.
 - Engineering Consultant of the University President, the University of Alexandria 2009 - 2011.
 - Chair of the board of Engineering Center, College of Engineering, Alexandria University 2009 – 2011.
 - Chair of the board of Scientific Computing, College of Engineering, Alexandria University 2009 – 2011.
 - Chair of the board of Production Engineering Unit, College of Engineering, Alexandria University 2009 – 2011.
 - Vice Dean for Development & Environment Affairs, Alexandria University, College of Engineering, 2006 – 2009.
 - Executive Manager for Engineering Center, College of Engineering, Alexandria University 2005 – 2006.
 - Visiting Professor, Arab Academy for Science & Technology, College of Engineering, Construction and Building Engineering Department, 2000 – 2006.
 - Professor of “Properties and Testing of Materials”, Structural Engineering Department, Alexandria University, July 1998 – present.
 - Associate Professor, Structural Engineering Department, Alexandria University, June 1993 until July 1998, full time.
 - Visiting Professor, Civil Engineering Department, Beirut Arab University, 1992 – 1994, full time.
 - Assistant Professor, Structural Engineering Department, Alexandria University, December 1987 till October 1993, full time.
 - Visiting Professor, Electrical Engineering, Faculty of Air Defense of the Egyptian Military, Air Forces, 1988 till 1990.
 - Assistant Lecturer, Structural Engineering Department, Alexandria University, 1977 – 1987, full time.
- Non-Academic:
 - Owner and Partner of a consulting engineering firm, The Consulting Engineering Office, Alexandria, Egypt. 1988 - Present.



4. Honors and Awards:

- BE with degree of honor from Alexandria University
- Alexandria University award administrative excellence for the post of Vice Dean (2009).
- Alexandria University award administrative excellence for the post of Dean (2011).

5. Service activities

- member
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6. Research Interests

- Structural Engineering.
- Construction Quality.
- Construction materials.
- Concrete Technology.

7. International Scientific Activities and Research Cooperation

- Green Energy for Green Companies, GRENECO
- Master Curriculum, Capacity Building and Network Development in Traffic Safety in Egypt, Jordan and Lebanon MENASAFE

8. National Research Cooperation

1. Lebanese Industrial Research Achievements (LIRA)
2. The Lebanese Standards Institution (LIBNOR)

9. Principal publications and presentations:

9.1 Journal Publications

1. Adel A. El-Kurdi, Ali Abdel-Hakam, Mohamed M. El-Gohary, "Impact of Elevated Temperature on Properties of Limestone Concrete" International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-4 Issue-4, September 2014.
2. Adel A. El-Kurdi, Ali Abdel-Hakam, Mohamed M. El-Gohary " Study the Effect of Silica fume, Polypropylene Fiber, Steel Fiber, Limestone Powder and Bentonite on The Fire Resistance of Concrete" International Journal for Research and Analysis in Allied Sciences and Engineering (IJRAASE), ISSN: 2348-9073, Vol. 1 Issue II, April 2014.
3. Meheddene Machaka, Hisham Basha , Hadi Abou Chakra , Adel Elkordi, European Scientific Journal, "Alkali Treatment Of Fan Palm Natural Fibers For Use In Fiber Reinforced Concrete " , Beirut Arab University, Lebanon , Vol 10, No 12 (2014) ISSN: 1857 – 7881 , April 2014.
4. Said Shawky Hozien, Refaat Hassan Abdel Razek, Adel Ahmed Elkordi, Shafik Shawky khoury, " How Egyptian contracting companies translate projects' quality to projects' performance" International Journal of Engineering Science and Technology, 2011.
5. Aly Eldarwish, Nabil El-Ashker, Adel El-Kurdi, Journal of Arab Academy for Science, Technology and Maritime Transport, "Evaluation of Mechanical Properties of Self Consolidating Concrete", June 2006, Vol. 31, No. 61 Alexandria, Egypt.



6. Aly Eldarwish, Adel El-Kurdi, Nabil El-Ashker "Fresh Properties of Self Compacting Concrete", Journal of Arab Academy for Science, Technology and Maritime Transport, January 2006, Alexandria, Egypt.
7. Kurdi Adel, Khoury Shafik, and Abbas Rafik, "A new concrete for 21 Century: Reactive Powder Concrete", Alexandria Engineering Journal, Vol. 40 (2001) No. 6, pp. 893-909, November 2001.
8. Kurdi, A., "Influence of Plain and Blended Cements on The Durability of Pink Lime stone Concrete in Magnesium Sulfate and Sodium Sulfate Solution", Alexandria Engineering Journal, Vol. 36, No. 5, pp. 223-235, December 1997.
9. Kurdi, A., "The Use of Ultrasonic Pulse Velocity Measurements in the Assessment of In-Situ Concrete Strength", Alexandria Engineering Journal, Vol. 36, No. 4, pp. 339-351, July, 1997.
10. Kurdi, A.; El-Darwish, A.; and Abbas, R., "Applicability of ECW Steel Slag in Concrete", Alexandria Engineering Journal, Vol. 36, No. 3, pp. 185-200, May 1997.
11. El-Darwish, I.; Kurdi, A.; Mahmoud, H.; and Abou El-Kair, H., "Mechanical Properties and Durability of Portland Cement Concrete Incorporating ground Steel Making Slag", Alexandria Engineering Journal, Vol. 36, No. 1, pp. 1-14, January, 1997.
12. Awad, A.; Kurdi, A.; Kassim, M.; and El-Zaafraney, M., "Properties and Usage of Cement Kiln Dust Concrete", Alexandria Engineering Journal, Vol. 35, No. 5, pp. 209-222, September 1996.
13. Kurdi, A., "Mechanical Properties of High-Strength Concrete Incorporating Different Coarse aggregate", Alexandria Engineering Journal, Vol. 33, No. 3, pp. 79-89, July 1994.
14. Kandil, S.; El-Rafey, M.; Ghonem, M.; Kurdi, A.; and Abbas, R., "Evaluation of Slag as a Coarse Aggregate in Hot Mix Bituminous Concrete", Alexandria Engineering Journal, Vol. 32, No. 2, April 1993.
15. Kurdi, A., "Strength, Elasticity and Drying Shrinkage of Recycled Coarse-Aggregate Concrete", Alexandria Engineering Journal, Vol. 31, No. 4, October 1992.
16. Kurdi, A.; El-Rafey, M.; Abbas, R.; and Kandil, S., "Utilization of Steel-Making Slag in Concrete", Alexandria Engineering Journal, Vol. 31, No. 4, October 1992.
17. El-Darwish, I.; Shehata, M.; Diab, A.; Kurdi, A.; and Mohamed, A., "Juncus Fiber for concrete" Alexandria Engineering Journal, Vol. 31, No. 4, October 1992.
18. Kurdi, A.; and Hosny, A., "Corrosion of Reinforcing Steel in Concrete", Alexandria Engineering Journal, Vol. 31, No. 2, April 1992.



19. Kurdi, A., "Waste Concrete as Fine and Coarse Aggregate for New Concrete", Alexandria Engineering Journal, Vol. 31, No. 2, April 1992.
20. Kurdi, A. "Acetic Acid Attack on Concrete in Sea Water at Temperature of 40 °C", Alexandria Engineering Journal, Vol. 30, No. 1, January 1991.
21. El-Hamid, A.; El-din, F.; Tayal, S.; Moneim, N.; and Kurdi, A., "Stress Induced by Distal Extension Partial Denture with Semi-precision Attachment", Alexandria Dental Journal, Vol.15, No. 4, October 1990.

9.2 Conference Proceedings

1. Machaka Meheddene, Adel Elkordi, "The Effect Of Using Fan Palm Natural Fibers On The Impact Resistance Of Concrete" 1st International Turkish World Engineering and Science Congress in Antalya, December 7-10, 2017, Turkey
2. M. Machaka, A. Elkordi, "Experimental Study Of The Effect Of Adding Fan Palm Fibers On Concrete Durability Exposed To Severe Environments" 2nd International Conference on Bio-based Building Materials& 1st Conference on ECOlogical valorisation of GRANular and FIBrous materials, , Clermont-Ferrand, France , June 21th - 23th 2017.
3. Meheddene M. Machaka, Hisham S. Basha, Adel M. Elkordi, "The Effect of Using Fan Palm Natural Fibers on the Mechanical Properties and Durability of Concrete ", 2014 International Conference on Material Science and Engineering, (ICMSE 2014), Shanghai, China, April 19-20, 2014.
4. Said Hozien, Adel Elkordi, Refaat Abdel-Razek, Shafik Khoury, "A Proposed System for Monitoring, Evaluation and Improving Construction Project's Quality for Egyptian Contracting Companies" International Conference on Business and Management, izmir (Turkey) 15-17 April 2011.
5. Said S. Hozien, Shafik S. Khoury, Refaat H. Abd ELRazek, A. Elkordi "Performance Based Approach For Improving The Construction Projects' Quality For Egyptian Contracting Companies" WASET 2011 : World Academy of Science, Engineering and Technology, June 2426, 2011, Paris, France.
6. Adel El-Kurdi, Aly Eldarwish, Ahmed Khalifa, and Alaa Morsy "Thermal Endurance of Insulated R.C. Columns Strengthened with CFRP" fiber reinforced polymer composites conference for infrastructure applications, San Francisco, California, Nov. 4 – 6, 2009.
7. Adel El-Kurdi , Aly Eldarwish , Ahmed Khalifa , and Alaa Morsy "Modeling the Thermal Performance of Insulated FRP-Strengthened R.C. Columns under Elevated Temperature" fiber reinforced polymer composites conference for infrastructure applications, san Francisco, California, Nov. 4 – 6, 2009.
8. Adel El-Kurdi, Modern Cements: The new Egyptian Specification, 21-23 November 2006 Misurata – Libya.



9. Adel El-Kurdi, Shafik Khoury, Aly Eldarwish, Ahmed Khalifa and Alaa Morsy "Behavior of Axially Loaded Columns Strengthen with Carbon Fiber Reinforced Polymer", Fifth Alexandria Conference on Structural and Geotechnical Engineering, pp. MT-351/MT-372, 20-22 in December 2003, Alexandria, Egypt.
10. Adel El-Kurdi, Shafik Khoury, and Ali Abdo, "Evaluation of New-Old Concrete Bonding Agent System by Slant Shear Test", Fifth Alexandria Conference on Structural and Geotechnical Engineering, pp. MT-205/MT-219, 20-22 in December 2003, Alexandria, Egypt.
11. Ibrahim Eldarwish, Mostafa Shehata, Adel El-Kurdi, and , Hesham Abu-El-Khier, "Properties of High Strength Concrete Incorporating High Slag Cement", Fifth Alexandria Conference on Structural and Geotechnical Engineering, pp. MT-273/MT-290, 20-22 in December 2003, Alexandria, Egypt.
12. Adel El-Kurdi, Shafik Khoury, Sherif Farghal, and Said Hozin, "A Performance-based Approach to Measure the Quality of Construction Projects", Fifth Alexandria Conference on Structural and Geotechnical Engineering, pp. MT-329/MT-349, 20-22 in December 2003, Alexandria, Egypt.
13. Adel El-Kurdi, Shafik Khoury, Ashraf Ragab, and Mohamed. Salem, "An Innovative Device for Measuring Lateral Fresh Concrete Pressure on Formwork", Fifth Alexandria Conference on Structural and Geotechnical Engineering, pp. MT-315/MT-327, 20-22 in December 2003, Alexandria, Egypt.
14. Adel Kurdi, Essam El Kordi, Shafik Khoury and Amin Zenhom, "Methods of Testing for Alkali-Aggregate Reaction and Monitoring of Steel Corrosion", Symposium on Urban Development in Arid Regions & Associated Problems, Saudi Arabia, 02 – 04 November 2002.
15. Ibrahim. Eldarwish, M. Shehata, Adel Kurdi, and Hisham Abuelkier, "Properties of High Strength Concrete Incorporating High Slag Cement", Symposium on Urban Development in Arid Regions & Associated Problems, Saudi Arabia, 02 – 04 November 2002.
16. Adel Kurdi, and Aly Eldarwish, "Performance of Zinc-Rich Coating of Steel Reinforcing Bars in Blended Cement Concrete Exposed to Chloride Solution", Fourth Alexandria Conference on Structural and Geotechnical Engineering, pp. 695-710 , 2-4 April 2001, Alexandria, Egypt.
17. El Kurdi, A., Eldarwish, A., and Abbas, R., "Sea Water Attack on Egyptian Steel Making Slag-Aggregate Concrete", Second Canada-China-Egypt Workshop on Evaluation, Repair, Renewal and Preservation of Structures, Ottawa, Canada, June 1999.
18. Adel Kurdi, and Shafik Khoury, "Strength of Retempered Concrete", 3rd International Conference on Civil & Architecture Engineering, Military Technical College, Cairo, Egypt, pp. 1-17, 9-11 March 1999.



19. Fathi Abdrabbo, Kurdi A., Rouby El-Hansyand Hossam Ammar, "Corrosive Effect of Sulphates and Chlorides on Concrete Pile Foundation", Eighth International Colloquium, Structural and Geotechnical Engineering, pp. II-322 – II-337, December 1998 Ain Shams University, Cairo, Egypt.
20. Kurdi, A., and Khoury, S., "Rational Approach to Predict Bond Strength of Steel Bars in Concrete With and Without Silica Fume", First International Conference on Civil Engineering, Helwan University, pp. 543-560, 24-26 March 1998.
21. Kurdi, A., and Khoury, S., "Silica Fume Improves Concrete Strength. Is That True?" Third Alexandria Conference on Structural and Geotechnical Engineering, pp. 109-127, in December 1997, Alexandria, Egypt.
22. Tayel, S.; Shararah, E., Abou El-Wafa, S.; and Kurdi, A., "Evaluation of the Load Transmitted by Distal Extension Removable Partial Denture Utilizing Two Different Impression Techniques", ninth International Dental Congress, November 1994, Egypt.
23. El-Darwish, I.; Shehata, M.; Kurdi, A.; and Abdo, A., "Pink Lime Stone as Coarse Aggregate", First Alexandria Conference on Structural and Geotechnical Engineering, December 1990, Alexandria, Egypt.
24. El-Akkad, A.; Kurdi, A.; and El-fouly, A., "Effect of Microwave Polymerization on the Physical Properties of Heat Cured Acrylic Resin", Second Arab International Conference on Material Science, March 1990.
25. Kurdi, A., Khoury, G.; and Sullivan, P.J., "Effect of Bacterial Activity on North Sea Concrete", First Regional Symposium on Materials Science in the Arab States, December 1987, Alexandria, Egypt.