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د/ فارس بن عبدالعزيز الفرائضي

EDUCATION

Ph.D. in Architecture Engineering
University of Florida,
Gainesville, FL. USA ■ 1998
Dissertation: "A Paradigm for Designing
and Implementing Instructional Technology
in Secondary School Buildings for the
Kingdom of Saudi Arabia"
Honors: Dissertation passed "with
Distinction".

M.S. in Building Engineering
King Faisal University,
Dammam, Saudi Arabia ■ 1993
Thesis: "An Evaluation of the Performance
of Public High School Buildings
in the Eastern Province"

B.S. Honors in Architecture
King Faisal University,
Dammam, Saudi Arabia ■ 1988
Areas of Concentration: Construction
Technology Honors Project: "Designing
Conference Hall with Guest Palace for
GGC Countries in Riyadh"

دكتوراه في الهندسة المعمارية

جامعة فلوريدا

جينزفيل . الولايات المتحدة الأمريكية
البحث : نموذج لتصميم وتطبيق تقنية
التعليم في مباني مدارس الثانوية للبنين في
المملكة العربية السعودية.

ماجستير في هندسة البناء

جامعة الملك فيصل

الدمام . المملكة العربية السعودية
البحث : تقييم الأداء الوظيفي لمباني مدارس
الثانوية من ناحية الإنارة والصوتيات والتكييف .
المنطقة الشرقية

بكالوريوس مع مرتبة الشرف في العمارة

جامعة الملك فيصل

الدمام . المملكة العربية السعودية
مشروع التخرج : تصميم قاعة مؤتمرات
وضيافة لرؤساء وملوك مجلس دول التعاون
الخليجي في مدينة الرياض

EXPERIENCE

At King Faisal University, **Dammam**:

Assistant Professor – “The following courses had been taught during the last ten years, as well as developed syllabus and overall course structure, and administered all grades.

ADVANCED CONSTRUCTION SYSTEMS

Selection process of different construction systems with regard to structural, constructional and architectural requirements based upon the performance design criteria . Methods of construction of high-rise frames, trussed and girder systems, grid systems, folded and flat plates, shell structures, cable and pneumatic structures and prestressed systems. Building under construction is visited and careful analysis were done.

INDUSTRIALIZED BUILDING SYSTEMS

Systems building concept: historical overview; introduction to industrialized production. Design organization processes and strategies. Open and closed systems. Modular coordination and tolerances. Component Systems vs factory produced modules. System building approach: the performance concept and system integration. Visit factories such as Precast.

MULTISTORY BUILDINGS

Introducing technical problems and issues related to multistory building types, emphasizing the verticality aspect of structures, modular design, transportation and services. Site visit to actual buildings under construction and understanding major systems

INTEGRATED DESIGN

Integrated approach and solutions to technical issues relating to structures, construction, environmental technology, and services. Detailed studies and analysis of building components and systems in relation to constructional, structural and environmental performances and application.

BUILDING SUPERVISION AND MAINTENANCE

Construction supervision concept and its importance in the building construction quality and durability. Planning and scheduling of projects construction. Causes and rates of deterioration in building materials and components. Quality assurance concept. Building maintenance problems and solutions: Operation and maintenance cost efficient building design. Management and maintenance cost efficient building design. Management and maintenance programs and works. In-house maintenance vs. contracted maintenance.

Lecturer – “Editing technical documents.” ■ 1993

Developed syllabus and overall course structure, and administered all grades.

Teaching Assistant – to Professor Lazars Evangelus in “Advance Construction Systems.” ■ 1989 Collaborated on curriculum and exam development, met with students upon request, and graded all written work, including final exam papers.

PROFESSIONAL EXPERIENCE

- **Dean, College of Computer Science and Information Technology, University of Dammam** , Nov. 2009 -- now
عميد كلية علوم الحاسب وتقنية المعلومات
- **Director, Information Technology Center**, Sep. 2008 – Sep. 2010
مدير إدارة مركز تقنية المعلومات
- **Vice Dean For Graduate Studies & Scientific Research, College of Architecture and Planning, KFU**
وكيل كلية العمارة والتخطيط للدراسات العليا والبحث العلمي، جامعة الملك فيصل، الدمام
ديسمبر ٢٠٠٨ -- ديسمبر ٢٠١٠
- **Consultant for Mawhiba, King Abdulaziz & his Companions Foundation for Giftedness and Creativity**, Aug. 2006–July 2008

مستشار الأمين العام – مؤسسة الملك عبدالعزيز ورجله للموهبة والإبداع
أغسطس ٢٠٠٦ إلى أغسطس ٢٠٠٨

Managed different projects, established and developed the Idea Management System (خدمة تخيل) which is launched in January 2008 throughout the Kingdom by using electronic forms. Worked with the Strategic Plan 2022 for the Kingdom, McKinsey (USA) was the consultant for the project. Held the position of the Executive Manager for the 1st Saudi Innovation Exhibition, which was inaugurated under the patronage of King Abdullah.

- **Consultant for Dammam Municipality**, Jun 2005 -- Aug. 2006

مستشار غير متفرغ في أمانة الدمام , (المنطقة الشرقية) -- المشاريع واللجان
المختصة لتطوير مدن المنطقة الشرقية.

Worked in projects to develop Dammam Metropolitan Area and was member of different committees.

- **Information Technology (IT) Center**, Assistant Director, Dammam, KFU, 2002—Aug. 2006

مدير مركز تقنية المعلومات المساعد بالدمام – من ٢٠٠٢ الى ٢٠٠٦

Managing the information technology center at KFU in Dammam Campus. Providing full support for more than 1000 users, from Internet to e-learning through Teleconferencing around the world. Managing new projects throughout the campus linked with fiber optics to IT center. Wireless technology are introduced in campus as we are currently connected at six Mega with KACTS

- **Vice Dean, Library Affairs**, Dammam, KFU., 2003 – Aug. 2006

وكيل عمادة شؤون المكتبات بالدمام – من ٢٠٠٣ الى ٢٠٠٦

As a vice dean for library affairs, it was a challenge to upgrade and develop a traditional library to become an Electronic Library. Full infrastructure have been developed to accommodate E-Library. Internet access to any e-library around the world as well as Full Text Database is available. Satellite connection to educational channels and Multimedia rooms have been established

- **Consultant for the Ministry of Interior, Civil defense Agency**, 2001-2002

مستشار غير متفرغ , وزارة الداخلية, الدفاع المدني – إعداد معايير مقاومة
المباني من الحريق من ٢٠٠١ الى ٢٠٠٢

Developed Standards for buildings on fire Safety issues. Visited sites such as warehouses to understand spread of fire between buildings. Construction materials, design issues, wind direction, fire safety equipments were considered to fully understand fire behavior.

- **Assistant Manager, ABV Rock Group**. 1993-1994

مشروع الخزن الاستراتيجي , وزارة الدفاع- الرياض

Managed and supervised sites under construction during excavation under ground. Construction documents were checked thoroughly and evaluated. Careful review of all details were done daily. Site visits were routinely done to make sure everything is as planned for. Construction of all supporting facilities and main buildings were checked

- **Chief Architect**, Engineering Architecture Firm. 1990-1992.

Original projects were designed, developed and constructed. As a chief architect, responsibilities and coordinating between engineers were essential to complete projects on high standards. Teamwork were important to achieve success and compete with others.

CONFERENCES AND FORUMS

- **Management and Implementation of Self Study for Institutional Accreditation, NCAAA and British Council, Riyadh, Oct. 1-2, 2011**
- **Recruiting, Developing and Retaining a Faculty for the Twenty-First Century, Academic Leadership Center, Ministry of Higher Education, Jan. 2-3, 2011**
- **Executives Development Program: Top Business Leadership For the 21st Century, presented by Brian Tracy. Held in Riyadh, Nov.10, 2007**
- **Event Management and Production, IIR Meddle East, Dubai 2007**
- **Essential Management Skills For New Managers, IIR Meddle East, Dubai 2007**
- **Project & Programme Management Development, Project Management Course, TPG academy and the Projects Group PLC. Riyadh Nov. 1, 2006**
- **Certificate of Attendance “Service Level Agreements & IT Contracts”, by Institute for International Research, Dec. 4-8, 2005. Dubai, UAE.**
- **SAUDI COUNCIL OF ENGINEERS, RIYADH. ندوة المهندس ودوره في بناء الاقتصاد الوطني – والأجتماع الأول للجمعية العمومية ٣-٤ ربيع أول ١٤٢٦**
- **2nd Saudi IT Security Forum, Riyadh 2005 المنتدى السعودي الثاني لأمن المعلومات , ١٤٢٦**

- **“Breakthrough IT Change Management”** Event and Training, Dubai, UAE, 18-21 Dec. 2004
- **ESCWA Activities for the World Summit on the Information Society**
المؤتمر الإقليمي التحضيري الثاني للقمّة العالمية لمجتمع المعلومات
، الشراكة في مجتمع المعلومات العربي. دمشق ٢١-٢٤ نوفمبر ٢٠٠٤ ..
- **Saudi Information Technology Security Forum.** Riyadh, Intercontinental Hotel. 29 Feb 2004
- **GITEX 2004, Dubai, UAE,** مركز دبي . دبي . مجال تقنية المعلومات , دبي . مركز دبي
التجاري العالمي
- **Frankfurt International Book Forum,** Germany, Oct. 2004.
- الإدارة تحت ضغوط العمل, الإدارة العامة للبرامج الدراسات العليا, معهد الإدارة العامة,
الدمام صفر ١٤٢٥
- **Electronic Storage and Information Technology Conference** at GITEX,
Dubai, UAE. 8 Oct 2003
- **Digital Libraries: Applications and Future Plans** , Beirut, Lebanon, 20 July,
2003
- **International Book Conference,** Tunis, Tunis 20 May, 2003
- **Electronic Book Fair,** Riyadh, January 2003
- الإعداد والمشاركة في دورة "سلامة المباني" لمنسوبي الدفاع المدني, جامعة الملك فيصل
صفر ١٤٢٠ .

AWARDS

- Best International Student of the Year Award, University of Florida, 1998.
- Awarded Student of the Year for the Program “SOLARIS” Exchange Program between Saudi Arabia and the United States in Building Energy, Denver, CO. USA. 5-26 July 1986.
- Adam Barr Grant, University of South Carolina, 1996 – 1997

LANGUAGES

Arabic – native language;

English – speak fluently and read/write with high proficiency;

MEMBERSHIPS

عضو فى الهيئة السعودية للمهندسين من ٢٠٠٣

عضو اللجنة الدائمة للحاسب الألى من ٢٠٠٢

Member in Council for Educational Facilities Planners International (CEFPI) 1998

عضو فى جمعية علوم العمران من ١٩٩٣