Basic Information :

Name :	SAMIR SADEK HOSNY
Title :	Professor of Architecture & Design Computing in Architecture

Professor Hosny is the Chairman of the Department of Architectural Engineering at Future University in New Cairo; he is also Professor of Architecture and CAAD at the Department of Architecture at Ain Shams University, Cairo, Egypt.

From Ain Shams University; Prof. Hosny received his B.Sc. degree in 1977 and his M.Sc. in 1985. His M.Sc. thesis addressing the architectural trends in Egypt during the period of the Nineteenth Century and the first half of the Twentieth Century is referenced in many M.Sc. and Ph.D. theses by researchers from different parts of the world. In 1990, Prof. Hosny earned his Ph.D. degree in Architectural Design Computing after a three-year period as a visiting scholar to Penn State University, Pennsylvania in the USA. In 1997, Dr. Hosny became an Associate Professor in the Department of Architecture at Ain Shams University, then, in 2004 he earned his Professorship in Architecture and Architectural Computing.

Prof. Hosny's expertise includes: Architectural Computing in practice and education, Shape Grammars, Computer Design Generation, Expert Systems in Architecture and Urban Planning, Virtual Reality and Augmented Reality in Design and Education, Architectural Education, Design Methods, Tourist Studies, Decision Support Systems, CMCD; Computer Mediated Collaborative Design, Virtual Design Studios, and Sustainable Architecture. Prof. Hosny was the director of the first Egyptian Virtual Design Studio to be conducted in Egypt in 2003 with four other Architectural Schools from London (Liverpool School of Design), Alsharja (The American University in Alsharja), Turkey (The Middle East Technical School) and Mexico (The University of Mexico).
Prof. Hosny has published more than 50 refereed journal and conference papers. He has also supervised more than 50 M.Sc. theses and 20 Ph.D.s in Egypt, USA and Hungary. In addition to being an external examiner in several Ph.D. qualifying exams as well as examining several M.Sc., Ph.D. theses and conference and journal papers for different universities.
Also, Prof. Hosny has a substantial design experience in the Design and Building Construction industry and contributed in designing major architectural and urban projects in Egypt, Saudi Arabia, Syria and Libya.
He has also held several academic and administrative positions since 1977 at Ain Shams University, Suez Canal University, Misr International University (MIU), and Future University in Egypt (FUE), which ranged from a demonstrator or a Teaching Assistant to the Acting Dean of Engineering at MIU. Since 2007, Prof. Hosny has joined Future University in Egypt (FUE) and currently he is the chairman of the Department of Architectural Engineering at the Faculty of Engineering and Technology at FUE.
During 2013, he has also won FUE's award for "Promoting Professor Student relationship".
His students have won several National and International architectural competitions. Lots of his graduate students hold distinctive positions in well reputable architectural firms in Egypt as well as abroad. Prof. Hosny can be contacted at:
ssadek@fue.edu.eg
shosny@msn.com
Or by phone at: 16383 or 16FUE ext. #: 1409

Education:

Certificate	Major	University	Year
PhD			1991
Masters			1986
Bachelor	Architecture Engineering		1977

Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Professor	02/09/2007	Current
[illegible]	[illegible]	01/01/2007	01/01/2020

[illegible]	[illegible]	01/01/2004	01/01/2020
[illegible]	[illegible]	01/01/2003	01/01/2007
[illegible]	[illegible]	01/01/1997	01/01/2003
[illegible]	[illegible]	01/01/1997	01/01/2003
[illegible]	[illegible]	01/01/1995	01/01/1997
[illegible]	[illegible]	01/01/1994	01/01/1995

Researches / Publications :
A Review on Innovative Nanomaterials for Enhancing Energy Performance of the Building Envelope
Evaluation of Static Horizontal Louvers on Annual Daylighting Performance in Classrooms
Architectural education challenges and opportunities in a post-pandemic digital age
A Shape Grammars Approach to Bvlgariô Emerald Necklaces Design Language
A Biophilic Approach for Optimizing Daylighting Performance and Views-Out in Intensive Care Units Using Combined Light Shelf
Framework for integrating Buildings' Energy Simulation Tools (BESTs) with Intelligent Decision Support Systems (IDSS) -[Towards BEST-IDSS]
A Conceptual Framework for Enriching Architectural Classroom with Mobile Augmented Reality. In JAUES
A Conceptual Framework for Enriching Architectural Classroom with Mobile Augmented Reality.
A Conceptual Framework for Enriching Architectural Classroom with Mobile Augmented Reality.
A Review on the Application of Evolutionary Algorithms to Building Design Optimization;

Chapter :
Advances in Architecture, Engineering and Technology / Framework for Integrating BuildingsôEnergy Simulation Tools (BESTs) with Intelligent Decision Support Systems (IDSS) ï Towards [BEST-IDSS]

Thesis :
Computer-Aided Architectural Design Techniques
Modern Movement of Architecture in Egypt "Influences and Trends" - During the Periods of the 19th Century and the First Half of the 20th Century

Awards:

Award	Donor	Date
FUE's Award for Outstanding Services for the Academic Year 2016/2017	FUE - Announced at the Opera House	01/01/2017
FUE's Award: Promoting Professor-Student Relationship for the academic Year 2012/2013	FUE - Announced at the Opera House	01/01/2013
Peace Fellowship for Data Collection for the Ph.D.	Penn State University, Pennsylvania, USA	01/01/1988
Scholarship for PhD - USA	Penn State University, Pennsylvania, USA	01/01/1988