



**Basic Information :**

**Name :** Prof. Dr. ASHRAF GAAFAR

**Title :** Dr.

Name ASHRAF A. GAAFAR  
Department ARCHITECTURE  
College ENGINEERING  
Academic degree ASSOCIATE PROFESSOR  
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**Education**

1996 Ph.D. COMPUTER APPLICATIONS IN ARCHITECTURE  
"ANALYTICAL APPROACH TO EFFECT THE PRACTICAL-OPTIMAL BUILDING LAYOUTS"  
1990 M.Sc. COMPUTER APPLICATIONS IN ARCHITECTURE "EVALUATION OF ARCHITECTURAL PROJECTS"

1984 B.Sc. Architectural Engineering  
Department of Architecture - Shoubra Faculty of Engineering  
Zagazig University –Grade: (Very Good With Honor Degree)

General specialty Architectural Design  
Specific specialty Computer-Aided Architectural Design (CAAD)  
Virtual Reality and 3D Interactive Modeling

Dr. Ashraf Gaafar obtained the title "Consulting Engineer in the Design of Public Buildings" from the Egyptian Engineers Syndicate since 1999.

Dr. Ashraf Gaafar worked as a scientific consultant for "Suzan Mubarak Science Exploration Center" and a supervisor to the Virtual Reality unit for six years.

(ASCAAD) Choose Dr. Ashraf Gaafar to be a Member of " International Review Committee " for the 3rd International Conference of The Arab Society for Computer Aided Architectural Design (ASCAAD) "EMBODYING VIRTUAL ARCHITECTURE" Bibliotheca Alexandria, Egypt 28-30 Nov. 2007

Dr. Ashraf Gaafar works as a consultant to many official authorities in Arab Republic of Egypt. His Office has designed many projects for these official authorities; including the National Bank of Egypt, Zagazig University, Benha University, Department of Defense and Military Production, the Supreme Council of Antiquities of the Ministry of Culture. The Office has also designed several educational projects, sports projects and housing projects for Private Sector Associations and Individuals.

**Education :**

Certificate	Major	University	Year
PhD	Philosophy - Architectural Engineering Departement	Faculty of Engineering - Zagzig University - Benha	1996
Masters	Department of Architectural Engineering	Faculty of Engineering - Zagazig University	1990
Bachelor	Department of Architectural Engineering	Faculty of Engineering - Zagazig University	1984

**Research :**

USE OF "PHOTO-MODELING TECHNIQUES" IN 3D DOCUMENTATION OF ISLAMIC ARCHITECTURE HERITAGE SITES IN OCCUPIED JERUSALEM (AL-QUDS CITY)

OBSERVATION OF MONUMENTS DETERIORATION AND A TOOL TO GUIDE PRESERVATION QUALITY USING VIRTUAL REALITY TECHNIQUES

USE OF VIRTUAL REALITY TECHNIQUES IN INTERACTIVE 3D DOCUMENTATION OF PHARAONIC TOMBS

THE IMPACT OF USING AUTOMATIC EMBROIDERY CRAFT UPON ARCHITECTURAL SPACES IN EGYPTIAN CRAFT INDUSTRIES VILLAGES

ANALYTICAL STUDY USING "GRAPH THEORY " TO DETERMINE THE OPTIMAL CIRCULATION PATHS BETWEEN A GROUP OF ENTERRELATED BUILDINGS

Modern Methods in the Architectural Documentation of Archaeological Sites in Palestine Case study - the experience of Iwan in the architectural documentation of archaeological sites in the Old Gaza City using GIS

EVALUATION OF ARCHITECTURAL GRADUATION PROJECTS IN EGYPTIAN UNIVERSITIES USING INTERNET & INTERACTIVE VEDIO CONFERENCE NETWORKS TO AVOID VARIATIONS IN JURY RESULTS AND AS AN EDUCATIONAL TOOL IN ARCHITECTURAL CRITICISM

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