



Basic Information :

Name : RANDA MEDHAT HUSSIEN KHALIL MOHAMED
Title : Lecturer

Education:

Certificate	Major	University	Year
PhD			2022
Masters	Department of Architectural Engineering		2014
Bachelor	Architecture Department	Al-Azhar University - Faculty of Engineering	2009

Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Lecturer	02/10/2018	Current
Future University in Egypt	TEACHING ASSISTANT	01/01/2009	01/01/2014
GDS,Architecture & Interior Design,Arabian Architecture Group	Architect	01/01/2008	01/01/2009

Researches / Publications :

- Optimizing School Classroom Facades to Control Airborne Diseases Transmission Through Human Centric-CFD Framework
- The correspondence between urban transformation and sustainable urban mobility planning indicators in Nasr City District over five consecutive political eras
- A socio-CFD approach to reduce the possibility of airborne bio-contaminant disease infection in indoor spaces
- The Commuting Behavior and Perception Correlates of Commuting Trips: A Comparative Study on the Egyptian and Migrant Populations in Cairo and Alexandria
- Optimizing the View Percentage, Daylight Autonomy, Sunlight Exposure, and Energy Use: Data-Driven-Based Approach for Maximum Space Utilization in Residential Building Stock in Hot Climates
- Towards A Process-Based Model That Incorporates Professional Practice in The Teaching of Architectural Design, With Reference to Design Studio Six
- Nature-inspired Algorithms as a Part of the Biomimetic Architecture: A Brief Discussion
- A review for using swarm intelligence in architectural engineering
- Middle-income Public Housing in Egypt, Evaluate and Improve to Reach a Sustainable Design
- USING PARAMETRIC OPTIMIZATION TOOLS IN ARCHITECTURAL DESIGN PROCESS
- Optimizing School Classroom Facades to Control Airborne Diseases Transmission Through Human Centric-CFD Framework