

**Assist. Prof. Abdulkareem Oglah Ibadi**  
**Department of computer engineering**  
**Assist. Prof. in computer science**



#### EDUCATIONAL QUALIFICATIONS:

**2004-2007**, University of Technology, Baghdad

- Ph.D.
- Computer Network Security
- Dissertation Title: Special Secure e-mail System

**1998-2000**, Iraqi Commission for Computers & Informatics/ Informatics Institute

- M. Sc.
- Computer Science
- Thesis Title: Cipher-text only attack for stream cipher algorithms using composite genetic algorithm

**1981- 1985**, University of Basra/Science College

- B.Sc.
- Computer Science

#### Academic Experience

- **Sep 2020-apr 2021**, lecturer Al-Maaqal university
- **Nov 2017- Jun 2020**, lecturer Al-Esraa University college, Baghdad.
- **Nov 2007-Mar 2017**, Head Of Computer Engineering Dept., Baghdad College For Economic Studies, Baghdad
- **Sep 2004- Sep 2005**, Lecturer, Al-Rafidain University college, Baghdad

#### Teaching subjects

- Programming languages
- Data structure and algorithms
- Computer and Data security
- Object oriented programming
- Image processing
- Data compression
- Logic design
- Artificial Intelligence

## Research Focus

- Data and network security
- Image processing
- Deep learning
- Expert systems
- Genetic Algorithm
- Neural Network

## ACHIEVEMENTS /PUBLICATIONS

- **A new Block Cipher Algorithm based on feistel cipher**, Asian Journal of information Technology, volume 16, issue 5, 2017.
- **A proposed non feistel block cipher algorithm**, Asian Journal of information Technology,2017
- **Unbreakable Watermarking Concept**, Asian Journal of information Technology, 2017.
- **Twin Concept for stream cipher algorithms**, Journal of Baghdad college for economic science, 2016.
- **New Feature Fusion Technique Based Museum Image Retrieval System** , Australian Journal of Basic and Applied Sciences, 9(1) January 2015, Pages: 106-117
- **MIRS: Museum Image Retrieval System using Most Appropriate Low-Level Feature Descriptors**, IJCSI International Journal of Computer Science Issues, Vol. 11, Issue 5, No 2, September 2014
- **Design and implementation of a Homogeneous multiple block cipher algorithm**, Journal of Baghdad college for economic science, 2013
- **Proposal algorithm for information hiding**, Ibn Alhaytham college magazine, 2009.
- **Design a rigid CD protection method**, Journal of Baghdad college for economic science, 2008.
- **New high speed stream cipher algorithm**, Journal of Baghdad college for economic science, 2008.
- **Bilingual Arabic based keyboard used with a single hand**, Dyala Magazine for pure sciences, 2007.
- **New Arabization and compression system**, Iraqi magazine for information technology.

## Affiliations/Activities

- Iraqi Technologists Bord Membership.
- Iraqi computer Science Association.