
Faculty Vitae

1. Name

Ghuson S. Abed

2. Education

- ***M.Sc. of Mathematics AL-Mustansirya University \ college of sciences - Iraq-2015.***
- ***B.Sc. of Mathematics AL-Mustansirya University \ college of sciences - Iraq-1991.***

3. Academic experience

- **Head of the Scientific Affairs Division**
- **Assistant Lecturer at university of information technology and communications / Biomedical informatics college 2019-till now.**
 - **Lab of Mathlab \ 1st class (BIO and IMS).**
- **mathematics tutorial \ 1st class (BOI and IMS).**

4. Non-Academic experience

- 1993-2003, Programmer , Iraqi Atomic Energy Commission .
- 2003-2009, Programmer , IT Directorate, Ministry of Science and Technology.
- 2009-2012, Head of the Iraqi National Atomic Energy Committee Division, Ministry of Science and Technology.
- 2016-2018, Director of the Human Resources Department in directorate of Atomic Energy Affairs \ Ministry of Science and Technology.

5. Certifications or professional registrations

- certificate of participation in Cisco Networking Academy (**CCNA1**), **2019.**

6. Membership in professional organizations

- non

7. Honors and awards

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- ***Appreciation Letters (2) from minister of higher education***
 - ***Letter of thanks from chief of University of Information Technology and Communications.***
 - ***Letter of thanks from dean of biomedical informatics college.***
 - ***Letter of thanks (22) from Ministry of Science and Technology (2007-2018).***

8. Service Activities (current)

- non

9. Publications/Presentations

- [Solution of linear and nonlinear partial differential equations using the Laguerre transform, \(2015\).](#)
- The general Formula of laguerre transform of higher derivative, (2015).
- Modified Algorithm of laguerre transform for solving linear and nonlinear ordinary differential equations, (2015).
- Utilizing Laguerre transform in two-spatial dimensions partial differential equations and image processing, (2015).
- **Using Chebyshev Polynomials in Solving Diffusion Equations, (2020).**