***Curriculum Vitae***

**Ali Hussein Ni'ma**

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**Personal Summary:**

* I am a member of the teaching staff at Al-Mustansiriyah University College of Science, Department of Atmospheric Sciences since 2014 till now, working as an lecturer.
* I am specialized in upper atmospheric layers and ionosphere.
* I am interested in atmospheric layers, ionospheric physics, modeling of Ionosphere. Communication through ionosphere.

**Education:**

* Ph.D. #1: [2003-2008] from Baghdad University, College of science, department of Astronomy specialized in ionosphere.
* M.Sc. #2: [1999-2002] from Baghdad University, College of science, department of Astronomy specialized in theoretical models of ionosphere.
* B.Sc. #3: [1994-1998] from Baghdad University College of science, department of Physics.

**ACADEMIC HONORS AND AWARDS:**

* #1: I got letters of acknowledgments awarded by the chairman of Al-Mustansiriyah University in 2016.
* #2: I got a letter of acknowledgments awarded by the Minister of Higher education and Scientific Research in 2013 (4) and 2014(2).

**ACADEMIC /TEACHING EXPERIENCE:**

* **At Dyala University College of science, department of Physics**:
* #1: Laboratory of General physics.
* #2: Mathematics for first class
* #3: Astronomy for first class
* #4 : Simulation and applied Mathematics
* #5: Numerical Analysis and Applied Mathematics.
* **At Thi Qar University College of science, department of Physics:**
* #6: Simulation and applied Mathematics.
* #7: Optics
* #8: Laboratory of Optics.
* #9: Digital Image Processing.
* #10 Mathematical Physics
* #11 Fundamental Of Observation

**At Al Mustansiriyah University College of science, department of Atmospheric Sciences**:

* Upper Atmospheric Layers
* Remote Sensing Laboratory

**COURSES TAUGHT:**

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| --- | --- |
| **Undergraduate** | **Graduate** |
| * Image processing. * Numerical Analysis * Mathematical Physics * Optics * Upper Atmospheric Layers |  |

**PROFESSIONAL AFFILIATIONS:**

* Worked as a head of department in an administration of scholarships and cultural relations in the center of the Minister of higher education and scientific research for three years.
* Participate in more Committee in the Ministry of higher education and scientific research.

**PUPLICATIONS:**

* Ali Hussein Ni'ma, Ziad Abdul-Ahd Toma, **'The mid latitude F2 peak height and it's correlation with the elevation angle of transmitting antenna for different directions**'. Journal of educational college, Al-Mustansiriyah University 2009.
* Ali Hussein Ni'ma, **'Theoretical Calculations of the Seasonal and Solar Activity Variations for Ionospheric Collision Frequency and Debye Length over Baghdad City**', Journal of Science, Al-Mustansiriyah University, 2016.
* **PROFFESSIONAL DEVELOPMENT**
* **Workshops**:
* Attended and actively participated in the capacity building workshop on quality, project and change management and lean Administration in Doha, Qatar.16-19 December 2012.
* **Skills:**
* I have a good experience in modeling the ionospheric physics in Visual Basic and Matlab.
* I have a good experience in using the IRI model for ionosphere.
* Languages: Arabic as a native language; good in English.