**CURRICULUM VITAE**

1. Name: Prof. Dr. Farah Amer Abed

2. Date of Birth: 08-02-1977

3. Place of Birth: Baghdad

4. Nationality: Iraq

5. Civil status: Married, four children

6. Home Address: Iraq, Erbil, Azady

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11. Educational Qualification:

1995-1999 BS., University of Technology, Applied Science, in Material Science, IRAQ.

1999-2001 MSc., University of Technology, Applied Science, in Applied Physics, IRAQ.

2004- 2008 Ph.D., University of Technology, Applied Science, in Material Technology, IRAQ.

12. Date of Joining Service: 2002

13. Conferences attended:

1. 4th International Symposium on Structure-Property Relationships in Solid State Materials June 24 - 29, 2012 Bordeaux, France.
2. The International Society for Optics and Photonics, which will be held 2-7 February 2013, in San Francisco, California, United States.
3. The International Society for Optics and Photonics, which will be held 1-6 February 2014, in San Francisco, California, United States.
4. Materials Science and Engineering Conference Series LLC Ltd Web Metrics at a Glance, held 7- 11 June 2015 , Florence, Italy

14. Published Manuscripts.

1. Investigation the absorption efficiency of GaAs/InGaAs nanowire solar cells
2. Investigation of Opto-electric Characterization of GaAs/In0.2Ga0.8As Nanowire Solar Cell.
3. Investigation of dependence the hole radius formed in InGaP on the group velocity, quality factor and defect band structures.
4. Low-loss propagation in semiconductor AlxGa1-xAs Waveguide.
5. Calculation of defect modes in index contrast of AlxGa1-xAs waveguides.
6. Calculation of Radiative Loss in Index Contrast of AlxGa1-xAs Waveguides.
7. Effects of bath parameters on structure characteristic of Ni-W Electrodeposited alloy.
8. Investigation the absorption efficiency of GaAs/InAs nanowire solar cells.
9. Investigation the Absorption Efficiency of InGaP Nanowire Solar Cells.