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## **Abdul Kareem M. A. Ayyoub**

### **PHD**

### **Measurement & Evaluation**

There has been a great global change in the field of education and the way of teaching. Consequently, curricula have been subject to a lot of changes so that they can meet modernization in every aspect of life.

One of the greatest methods of education development is assessment which plays a very important role in how teaching should be evaluated and directed in accordance with up to day methodological process.

Please spare a few minutes for reading my curriculum vitae which includes details about my qualifications and experience.

### **Education**

- ❖ **PHD – Measurement and Evaluation- Yarmuk University- 2008**
  - *Measurement and assessment of educational processes*
- ❖ **MA- Science Teaching Methods- Najah N. Univ. 1999**
  - *Exploring new methods for teaching science*
- ❖ **BSC- Physics- Najah. N. Univ 1994.**
  - *Coupled with Electronics minor branch*

### **Membership**

- ❖ **Member of education development committee- Ministry of Education- Ramalla**

- ❖ **Measurement and assessment member at the Ministry of Education- Ramallah**

## **Work Experience**

- ❖ **Teacher of Physic- Ministry of Education- Ramalla 1996-1997**
- ❖ **Teacher of Science and Technology- UNRWA schools- West Bank area- 1998-2007**
- ❖ **Assistant Prof. – Measurement and Evaluation- Najah N. Univ 2009- up to now**
- ❖ **Head of Dept. of Psychology- Najah N. Univ. – 2009-Up to now**
- ❖ **Higher studies coordinator- Najah N. Univ. – 2009-up to now**
- ❖ **College staff member- for both departments of education and higher studies- Najah N. Univ. 2009- up to now**

## **Research and methodology**

- ❖ **Assessing Palestinian students' performance in 2007 TIMSS Science Test.**
- ❖ **The Effect of Ability Distribution on Item Differential Functioning Methods- Yarmuk Univ. Journal**
- ❖ **Comparison study of Palestinian curriculum and universal excellence test content- Science first consortium/ UNRWA**
- ❖ **The effects of laboratory on student assessment in science – Teacher Journal- UNRWA**
- ❖ **Comparing Methods for detecting local independence of multidimensional items at different ability levels.**

## **Software**

- ❖ **Office XP (Professional in Word, Excel and PowerPoint)**
- ❖ **Statistics software programs-** SPSS(10-17) , NCSS , MINITAP, SAS, AMOUS , STATISTICA7  
BILOG , BILOGMG , MULTILOG, NOHARM , FASTTEST
- ❖ **Internet and emailing**
- ❖ **PDF formats**
- ❖ **IDSL**
- ❖ **Programming- visual basic, Fortran, Cobol**