**Curriculum vitae**

Mahmoud Ahmed Salman alshamali

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Date of Birth: 03/17/1960

Marital status: Married

Qualifications:

1 / PhD curricula and methods of teaching science – University of An-Nilin-Khartoum-Sudan

Ph.D. Graduation date: 2006

2 / Master of Science Teaching - An-Najah National University - Nablus-Palestine

Master Graduation date: 2000

3 / Bachelor of Science Teaching methods - Najah National University - Nablus - Palestine

Bachelor Graduation date: 1997.

**Practical experiences:**

1 / 1984 - 2010 laboratory technician-Department of Chemistry An-Najah National University , Nablus.

2/ 2001-2005 Part-time teacher at the School of Success society - Najah National University , Nablus.

3/ 2007-2010 part-time superviser of the projects in primary education in Al-Quds Open University.

4/ 2010-2015 a full-time teacher - Najah National University.

5/ 2015 - Assistant Professor - Faculty of Education and teacher-Najah National University.

**Scientific papers published:**

1. Alternative Chemical Concepts Held by Students of Science teaching methodology in Palestinian universities – Journal of Al-Quds Open University for researches and studies, 35(1), 351-379.
2. Levels of scientific literacy to science teachers. Jamea'a: the journal of Al-Qasimi Academic College, 17(2), 57-96.
3. Scientific Reasoning and Its Relationship with Problem Solving: the Case of Upper Primary Science Teachers. International Journal of Science and Mathematics Education (IJSME),  14 (6), 1003–1019. a ​​journal with a high impact factor

**Interests and activities:**

1/ Supervision and discussion of Master degree theses in science teaching methods at An-Najah National University and Al-Quds University.

2/ The preparation of project of science teaching methods guide for the development and improvement of science education in partnership with the Palestinian universities

3/ Second Session Management Education Forum IV of the Directorate of Education in Nablus on procedural research in teaching prepared by the school teachers and so on 20.05.1320.

4/ Participation in the workshop on the Palestinian curriculum development 2015, Palestinian Ministry of Education and education.

5/ Participation in Teachers Rehabilitation program of stage 1-4 during the first quarter and second quarter of 2014/2015

6/ Participation in the evaluation of research for the Human Sciences journal at An-Najah National University

7/ Preparation of modules of science teaching for 1-4,stage, 2016