



**Assiut University**  
**Faculty of Education**  
**Dept. of Curricula and Teaching Methodology**

**Curriculum Vitae**  
**Of Prof. Dr. Mahmoud Mohamed Hassan**  
**Prof. of Curricula & Methods of Teaching Mathematics,**  
**Faculty of Education,**  
**Assiut University**

**First- Personal Information:**

**Name** : **Mahmoud Mohamed Hassan Awad**  
**Position** : **Professor**  
**Major** : **Curricula & Methods of Teaching**  
**Minor** : **Curricula & Methods of Teaching Mathematics**  
**Current Position** : **Vice-dean for Post-Graduate Studies and Research,**  
**Faculty of Education, Assiut University from 16/10/2010**  
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**Second- Academic Qualifications & Their Dates:**

1. B.Sc. in Science and Education (Mathematics), Faculty of Education, Assiut University, 1979, with a general grade of "Excellent with Honor's Degree".
2. Special Diploma in Education, Faculty of Education, Assiut University, 1982, with a general grade of "Excellent".
3. M.Sc. in Education (Curricula and Methods of Teaching Mathematics),

Faculty of Education, Assiut University, 1984, with a general grade of "Excellent".

4. Ph.D. in Education (Curricula and Methods of Teaching Mathematics), Faculty of Education, Assiut University, 1987.

\* **Languages:** Arabic and English.

\* **Years of Experience:** Over 28 years.

### **Third- Experience and Jobs:**

1. Demonstrator in the Department of Curricula and Methods of Teaching, Faculty of Education, Assiut University as of 03/10/1979.
2. Assistant lecturer in the Department of Curricula and Methods of Teaching, Faculty of Education, Assiut University as of 04/04/1984.
3. Lecturer in the Department of Curricula and Methods of Teaching, Faculty of Education, Assiut University as of 11/10/1987.
4. Assistant professor in the Department of Curricula and Methods of Teaching, Faculty of Education, Assiut University as of 15/05/1994.
5. Professor in the Department of Curricula and Methods of Teaching, Faculty of Education, Assiut University as of 30/09/2001.
6. Vice-dean for Post-Graduate Studies and Research, Faculty of Education in the New Valley from 29/10/2001 to 31/07/2005.
7. Head of Dept. of Child Education, Faculty of Education in the New Valley from 01/11/2001 to 31/07/2005.
8. Supervising the Departments of Social Studies and Arabic, Faculty of Education in the New Valley from 01/11/2001 to 31/10/2004.
9. Supervising the Dept. of Educational Psychology, Faculty of Education in the New Valley in the academic year 2003/2004.
10. Member of the Sector Committee for Childhood and Nursery Studies (one of the committees of the Supreme Council of Universities) from 14/11/2001 to 31/07/2005.
11. Member of the Quality Assurance and Accreditation Committee (University Performance Evaluation Unit) at the Faculty of Education in the New Valley in the years 2001/2002, 2002/2003, 2003/2004 and 2004/2005.
12. Member of the Board of Directors of the Public Service Center for Computer, Languages and Translation, Faculty of Education in the New Valley from 16/12/2003 to 31/07/2005.
13. Consultant for the Primary Teacher Upgrading Program, Faculty of Education, Assiut University in the academic year 2005/2006.
14. Member of the Board of Directors of the Teaching Practice Office at Faculty

of Education, Assiut University, formed by virtue of a resolution by the president of the university, as of the academic year 2006/2007.

15. Manager of the Public Service Center at the Faculty of Education, Assiut University as of the academic year 2006/2007.
16. Member of the committees for inspecting scientific output for promotion to the positions of professor and assistant professor in the field of mathematics teaching in the Supreme Council of Universities.
17. Member of the committees for inspecting the cases applying for equation in the Supreme Council of Universities, Arab Republic of Egypt.
18. Accredited trainer and supervisor of the training programs of the Faculty and Leadership Development Project supervised by the National Committee for Faculty and Leadership Development Project in Egyptian Universities (FLDP).
19. Member of the Quality Assurance Unit, Faculty of Education, Assiut University from July 2010.

#### **Fourth- Secondments and Scientific Missions:**

- Secondment to the Faculty of Education in Abha, University of King Saud in the Kingdom of Saudi Arabia, for six years as of 01/10/1991.
- A scientific mission to the United States of America (University of Pittsburgh, Pennsylvania) for three months from 10/07/2005 to 09/10/2005.

#### **Fifth- Interests and Experiences:**

- Mathematics teaching/learning at all educational stages.
- Curriculum planning, construction, evaluation and development at all educational stages.
- Pre-university pre-service and in-service teacher education.
- Faculty leaders development.
- Technical and educational supervision.
- Classroom teaching research.
- Thinking development research.
- Childhood and nursery program research.
- Judging and supervising theses and dissertations in Egypt and some Arab countries.
- Judging some Egyptian and Arab scientific journals and magazines.
- Teaching in training and preparation courses in some institutions.

#### **Sixth- Conferences, Symposia and Courses:**

I attended some symposia, training courses and workshops and local, national and international conferences in the field of mathematics curricula and teaching, educational planning, national education standards in Egypt, higher and university education, educational technology, environmental education, media, culture, adult

education and crisis management.

### **Seventh- Membership of Scientific Associations:**

- Member of the Egyptian Association of Curricula and Methods of Teaching.
- Member of the Mathematics Education Association – Egypt.
- Member of the Modern Education Association – Egypt.

### **Eighth- Student Activities:**

- Supervisor of the faculty families as of the academic year 2006/2007.
- Participating in the cultural, scientific and social activities of the faculty students' union.
- Participating in the activities of the university conference to develop the regulation of the university students' unions in the second term of the academic year 2006/2007.

### **Ninth- Scientific and Applied Activities:**

1. Teaching at the Faculties of Education in Assiut and the New Valley, the Faculty of Specific Education in Assiut, the Teacher Upgrading Program and the English Teachers Program for Non-Specialists.
2. Supervising M.A. thesis and Ph.D. dissertations in the field of specialization.
3. Attending higher studies seminars in the department (the Department of Curricula and Methods of Teaching) and other departments of the faculty.
4. Participating in designing and developing courses in the field of specialization.
5. Participating in the scientific and administrative work of the department as well as in the work of the committees of the faculty council such as the Higher Studies Committee and the Community Service and Environment Development Committee.
6. Participating in several conferences, symposia and workshops related to the field of specialization (curricula and methods of teaching mathematics).
7. Participating in faculty education courses organized by the Faculty of Education, Assiut University for demonstrators and assistant lecturers.
8. Participating in in-service teacher education courses organized by the Educational Directorate in collaboration with Assiut Center for Training.
9. Participating in faculty development courses within the framework of the Faculty Leaders Development Project.
10. Participating in the workshops on university performance evaluation and development held by Assiut University Quality Assurance and Accreditation Center.
11. Participating in the activities of in-service teacher training programs organized by the UNICEF in collaboration with Assiut Faculty of

- Education for one-classroom school teachers and facilitators.
12. Participating in on-going in-service teacher evaluation programs at all educational stages (primary – preparatory – secondary) in collaboration with the MOE National Center for Examinations.
  13. Member of some scientific associations such as the Egyptian Association of Curricula and Methods of Teaching, the Egyptian Association of Mathematics Education, and the Modern Association of Education – Egypt.
  14. Participating in examining M.A. theses and Ph.D. dissertations in the field of specialization.
  15. Participating in judging M.A. theses and Ph.D. dissertations in the field of specialization.
  16. Participating in examining and evaluating textbooks in the field of specialization in collaboration with the Ministry of Education.
  17. Participating in judging and evaluating lecturers' and assistant professors' scientific research in the field of specialization.
  17. Participate in the development of mathematics examinations for general secondary school certificate phases I and II.

### **Tenth- Research Papers:**

1. A Diagnostic Remedial Study of the Difficulties which Primary School Students Face in Solving Arithmetic Word Problems (Faculty of Education Journal, Assiut University, No. 7, Vol. 2, June 1991).
2. Pilot Teaching of the Unit on the Basic Concepts and Principles of the Measurement Theory to Secondary School Students (Faculty of Education Journal, Assiut University, No. 7, Vol. 2, June 1991).
3. Evaluation of Fourth Year Students' (Mathematics Section, Faculty of Education in Assiut) Performance of Some Teaching Skills: A Field Study (Faculty of Education Journal, Assiut University, No. 8, Vol. 2, June 1992).
4. Pilot Teaching of Non-Decimal Systems to Fourth Graders and the Effect of This on Their Understanding of the Decimal System (Faculty of Education Journal, Assiut University, No. 9, Vol. 2, June 1993).
5. Analysis of Verbal Interaction in the Teaching of Mathematics Student Teachers at the Faculty of Education in Abha and its Relation to the Achievement of Their Students at the Intermediate Stage (Faculty of Education Journal, Assiut University, No. 9, Vol. 2, June 1993).
6. Using Different Approaches to Teaching Multiplication and Division to Fourth Graders in the Kingdom of Saudi Arabia: An Experimental Study (Faculty of Education Journal, Assiut University, No. 13, Part 1, January 1997).
7. The Effect of Formative Evaluation on the Mathematics Achievement of Intermediate Second Graders in the Kingdom of Saudi Arabia (Faculty of Education Journal, Assiut University, No. 13, Part 1, January 1997).
8. Abha Faculty of Education Mathematics Students' Perception of the Nature and Structure of Mathematics (Faculty of Physical Education Journal, Assiut University, No. 7, Part 1, March 1997).

9. The Effect of Providing Students with Behavioral Objectives on Their Achievement and Retention in Mathematics (Faculty of Education Journal, Assiut University, No. 15, Part 1, January 1999).
10. The Effect of Using the Problem Solving Method on Academic Achievement and Mathematical Thinking in the Students of the Intermediate Stage in the Kingdom of Saudi Arabia (Faculty of Education Journal, Assiut University, No. 15, Part 1, January 1999).
11. Analysis of Exercises in the Intermediate Stage Mathematics Textbooks in the Kingdom of Saudi Arabia according to Bloom's Taxonomy of Cognitive Objectives (Faculty of Physical Education Journal, Assiut University, No. 9, Part 1, March 1999).
12. A Study of Some Variables Related to Second Graders' Performance in Solving Open-Ended Addition and Subtraction Word Problems (Faculty of Education Journal, Assiut University, No. 16, Part 1, January 2000).
13. Modern Trends in Technical Education Mathematics Curricula: An Analytical Study (A Paper Presented to the Permanent Scientific Committee on Education and Educational Psychology, April 2000).
14. Levels of Geometrical Thinking in Mathematics Student Teachers at the Faculty of Education, Assiut University, in the Light of Van Hiele's Model (Faculty of Education Journal, Assiut University, No. 17, Part 1, January 2001).
15. The Effect of Using the Cooperative Learning Strategy in Teaching Mathematics on Achievement, Retention of Learning, and the Development of Deductive Thinking in Fifth Primary Graders (Faculty of Education Journal, Assiut University, No. 17, Part 2, January 2001).
16. The Effect of Using the Learning Cycle Model in Teaching Mathematical Concepts on Achievement, Retention of Learning, and the Development of Mathematical Thinking among First Grade Secondary Students (Faculty of Education Journal, Assiut University, No. 17, Part 2, July 2001).

### **Eleventh- Articles:**

1. Scientific Research: Concept, Types, Steps and Procedures.
2. Leadership: Concept, Theories, Patterns and Characteristics.
3. Sensory Education in Kindergartens.
4. Development of Some Topological Concepts in Pre-School Children.
5. The Role of Society towards the Handicapped.
6. Effective Teaching Skills.

### **Twelfth- Books:**

1. Islam and Environmental Issues, 2004.
2. Methods of Teaching Mathematics: Development and Evaluation of the Mathematics Teacher Preparation Program at Sohag Faculty of Education, 2005.
3. Teaching Practice Adequacy Modules – Student Teacher's Book:

- Development of the Teaching Practice Program for the Preparation of Preparatory and Secondary School Teachers at the Faculty of Education, Assiut University, 2006.
4. Curricula of the Vocational Diploma in Education (Special Education Section): Development of the Vocational Diploma Courses for Special Education Students for Dealing with the Deaf, the Dump and the Blind, 2006.
  5. Supervision, Direction, Monitoring and Evaluation in the Educational Process, 2007.

### **Thirteenth- Participation in Development Projects:**

1. Establishing an internal quality assurance and accreditation system at the Faculty of Education in the New Valley, Assiut University (**QAAP**).
2. Developing and evaluating of the Mathematics Teacher Preparation Program at Sohag Faculty of Education.
3. Developing of the Teaching Practice Program for the Preparation of Preparatory and Secondary School Teachers at the Faculty of Education, Assiut University.
4. Developing of the Vocational Diploma Courses for Special Education Students for Dealing with the Deaf, the Dump and the Blind, Faculty of Education, Assiut University.
5. Project to improve education in early childhood.
6. Project to improve secondary education.
7. Continuous Improvement and Qualifying for Accreditation Project (**CIQAP**), Faculty of Education ,\_Assiut University\_.