

Curriculum Vitae*

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Date & place of birth : 29 July, 1940 Sohag-Egypt.
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Qualifications :

- * B.Sc. (Math. And Ed.),
Faculty of Education, Ain Shams University, 1964.
- * Special Diploma (Ed.), Ain Shams University, 1969.
- * M.A. (Ed.), Ain Shams University, 1973
“The Role of the Curriculum of Mathematics in Achieving
the Aims of Education in the Industrial Secondary School”.
- * PhD, University of London Institute of Education, 1978.
“An Evaluation of some Contemporary Geometry Syllabuses
in Secondary Education”.

Posts:

- Mathematics Teacher, Naharia Secondary School, Fagala, Cairo, 1964-1972.
- Demonstrator, Faculty of Education, Tanta University, 1972-1973.
- Assistant Lecturer, Faculty of Education, Tanta University, 1973-1975.
- Assistant Lecturer, Faculty of Education, Ain Shams University, 1975-1978.

* (1995). **Most Admired Men & Women of the Year** (1994-1995 Annual Pool).
U.S.A.: ABI. P. 172.

* (1995, 2007). **Dictionary of International Biography**, 23rd, 33rd Editions. Cambridge :IBC. P. 442, P 731.

* (2004). **Who's Who in the World**, 21th Edition (Century Edition “The Chronicle of Human Achievement”). New
Providence, NJ: Marquis Who's Who. PP. 1573-1574. (Editions since 1998).

(A scholarship member, Ain Shams University).

- Lecturer, Faculty of Education, Ain Shams University, 1978-1983.
- Assistant Professor, University College of Bahrain, 1983-1984.
- Associate Professor, University College of Bahrain (University of Bahrain), 1984-1988.
- Associate Professor, Ain Shams University, 1988-1989.
- Professor, Ain Shams University (Since 24 April 1989).

Special Activities:

- Co-ordinator, The Mathematics Education into the Twenty-First Project (Initiated in 1986).
See: <http://math.unipa.it/~grim/21project.htm>
- Member, The Central Team, Project Egypt 2020 (Since 1997).

Publications:

A) Books

- 1- (Jointly with Dr. Jean Michel Hanna and Dr. Ahmed Mohamed Sayed Ahmed) (2008/2009). **Mathematics** (for grade 4 of primary education- two books for the two semesters, with a teacher's guide) (textbooks are translated into English and French). Cairo: Ministry of Education.
- 2- (Jointly with Dr. Jean Michel Hanna) (2007/2008). **Mathematic** (for grades 1, 2, 3 of primary education- two books for the two semesters, with a teachers' guide to each grade). (Textbooks are translated into English and French). Cairo: Ministry of Education.
- 3- (Jointly with a team) (2007). **Guide of Family Service (3), Your Directory for Successful Marriage**. Cairo: The Middle East Council of Churches, Family Committee. (In Arabic).
- 4- (2006). **Issues on Teaching and Learning Mathematics**, Third edition. Cairo: The Anglo-Egyptian Bookshop. (In Arabic).

- 5- (Translator into Arabic). Anderson, Lorin W. and Krathwohl, David R. (Editors) (2001). **A Taxonomy for Learning, Teaching and Assessing : A Revision of Bloom's Taxonomy of Educational Objectives** (Abridged edition). Cairo: The Anglo-Egyptian Bookshop (In Arabic).
- 6- (Series Consultant and Translator) (2003). **Enrichment Activities in School Mathematics (for the Second Stage of Primary Education)**, by Jean Michel Hanna. Cairo: Egyptian Anglo Book Shop (Both in Arabic and English).
- 7- (2003). **Issues on Curricula of Education**. Cairo: Egyptian Anglo Bookshop. (In Arabic).
- 8- (Editor) (January 2001). "Higher Education in Egypt; Development and Alternative Futures", **Egypt 2020 Papers**, 5. Cairo: Egyptian Anglo Bookshop (Publications of the Third World Forum - Middle East Office). (In Arabic).
- 9- (October 2000) "The Methodology of Complexity and Prospective Analysis", **Egypt 2020 Pamphlets**, 4. Cairo: Egyptian Anglo Bookshop (Publications of the Third World Forum – Middle East Office). (In Arabic).
- 10- (Editor) (1998) **Principles of Teaching**. Cairo : Department of Curriculum and Instruction, Faculty of Education, Ain Shams University. (In Arabic).
- 11- (Jointly with a team of authors) (1998) **Mathematics** (A textbook for the third preparatory grade – Vocational). Cairo: Ministry of Education. (In Arabic).
- 12- (Jointly with a team of authors) (1996) **I Learn .. I Enlighten**. (Three parts with three Teachers' Guides). Cairo: The General Authority for Literacy and Adult Education. (In Arabic).
- 13- (Jointly with a team of authors) (1995, 1996) (Mathematics Textbooks for Grades 1-4 Primary). Cairo: Ministry of Education. (In Arabic with translations into English and French).
- 14- (Jointly with a team of authors) (1995) **Guide of Family Service (1), The Stage of Pre-Engagement**. Cairo: The Middle East Council of Churches – Family Committee. (In Arabic).

- 15- (1994) **Issues on Teaching and Learning Mathematics with Special Reference to the Arab World**, Second edition. Cairo: Egyptian Anglo Bookshop. (In Arabic).
- 16- (Jointly with Prof. Roshdy Labib) (1993) **Curriculum: The System of Content of Education**, Second Edition (Revised and extended). Cairo: Egyptian Anglo Bookshop. (In Arabic).
- 17- (1992) **I Count and Progress**, Two parts (A mathematics textbook for the Experimental Literacy Programme for Child and Woman). Cairo: The National Council for Childhood and Motherhood. (In Arabic).
- 18- (1992) **Curriculum of Education in the Arab Home between Rigidity and Innovation**. Cairo: Souad Al-Sabah Publishing House. (In Arabic).
- 19- (Jointly with a team of authors) (1991) **Work and Produce**, A textbook in mathematics for the fourth grade of primary education (with teacher's guide). Cairo: Centre for Curriculum and Instructional Materials Development. (In Arabic with translations into English and French).
- 20- (Jointly with a team of authors) (1991) **Play and Count**, A textbook in mathematics for the first grade of primary education (with teacher's guide). Cairo: Centre for Curriculum and Instructional Materials Development. (In Arabic with translations into English and French).
- 21- (Jointly with Professor S. Ibrahim) (1989) "Experiences of Developing Education in Developed Countries". In : S. Ibrahim (Ed.) **The Future of the World System and Experiences of Developing Education** (pp. 75-215). Amman: The Arab Thought Forum. (In Arabic).
- 22- (1989) **Issues on Teaching and Learning Mathematics with Special Reference to the Arab World**. Cairo: Dar El-Thakafa. (In Arabic).
- 23- (1987) **Teaching Adults**. Bahrain: ALECSO - Adult Education Leaders Training Centre for Arab Gulf States. (In Arabic).
- 24- (Jointly with Prof. R. Labib and Dr. F.H. Shams El-Din) (1984) **Curriculum: The System of Content of Education**. Cairo: Dar El-Thakafa. (In Arabic).

- 25- (Jointly with Prof. R. Labib and Dr. F.H. Shams El-Din) (1983) **Educational Media**. Cairo: Dar El-Thakafa. (In Arabic).
- 26- (Jointly with Prof. W. Ebeid) (1982, 1983) **Methods of Teaching Mathematics** (Two Parts). Cairo: Ministry of Education. (In Arabic).
- 27- (Jointly with Dr. W. Maximoce and Dr. M. A. El-Mofti) (1981) **Teaching and Learning Mathematics**. Cairo: Dar El-Thakafa. (In Arabic).

B) Articles, Studies and Conference Papers

- 1- (2009). "Conditions of the contribution of Arab University Education in Developing pre-university Education". In **Proceedings of the 16th CDUE Conference on "Arab University Education and its Role in Developing Pre-University Education"**, Cairo, November 15-16, 2009, pp. 83-92. (In Arabic).
- 2- (2009). "Models of Mathematics Curriculum Development in Egypt". In: ????? Paditz & Alan Rogerson (Eds.), **Proceedings of the Tenth International Conference on "Models in Developing Mathematics Education"**, Dresden, Germany, September 11-17, 2009, pp. 417-419.
- 3- (2008). "Strategic Procedures to Develop Arab University Education". In **Proceedings of the 15th CDUE Conference on "Towards a Strategic Plan for Arab University Education"**, Cairo, November 23-24, 2008, pp. 107-117. (In Arabic).
- 4- (2008). "Promoting Creativity for All Students in Mathematics Education". In: Emiliya Velikova and Agnis Andvans, **Proceeding of the Discussion Group 9 on "Promoting Creativity for All Students in Mathematics Education"**, The 11th International Congress on Mathematics Education, Moutrey, Mexico, July 6-13, 2008, pp. 97-103.
- 5- (2009). "Relative Weights of Scores of the General Certificate of Secondary Education", In: **Proceedings of the National Conference to Develop Secondary Education and Policies of Admission into Higher Education, Visions and Trends of Researchers and Experts**, second volume: Evaluation policies, Cairo, May 2008, pp. 83-100.

- 6- (2007). "Some Points of Departure, Policies and Requirements to Develop Arab University Education". In: **Proceedings of CDUE 14th Conference on "New Horizons in Arab University Education"**, Cairo, November, 25-26, 2007, pp. 105-113. (In Arabic).
- 7- (2008). **Benefited Lessons in Planning, Organization and Implementation of Literacy Programmes**, A paper presented to the Conference of Adult Education Center – Ain Shams University, Cairo 14-16 April, 2008. (In Arabic).
- 8- (2007). "Some Assumptions, Policies and Requirements for Developing Arab University Education", In: CDUE, **Proceedings of the 14th Conference of CDUE**, Cairo, November 25-26, 2007, pp. 105-113. (In Arabic).
- 9- (2007). "Authentic Values and Coping with Some Paradigm Shifts as Determinants of Mathematics Education in a Global Community". In Alan Rogerson (Ed.), **Proceedings of the Ninth International Conference of the Mathematics Education Project into the 21st Century on "Mathematics Education in a Global Community"**, Charlotte (USA), September 7-12, 2007, pp. 442-444.
- 10- (2007). "Remarks on Quality Criteria and its Relationship with Curriculum Development", In: Mahmoud El-Nakeh et al. (Eds.), **Proceedings of the 19th Conference of ECCI on "Curriculum Development in the Light of Quality Criteria"**, Vol. 1, Cairo, 25-26 Jul., 2007, pp. 67-75. (In Arabic).
- 11- (2007). **Mathematics for All; Rationale and Requirements**. A paper presented to the ESME Conference on "Mathematics for All", Cairo 17-18 July, 2007. (In Arabic).
- 12- (2007). Experiences from the Egypt 2020 Project; Some Reflections on the Future of the Area. Presented to the Round Table on "North Africa and the Middle East", Rome, Centro Militare di Studi Strategici, February 22–23, 2007.
- 13- (2007). **Rehabilitation of Educational Leaderships in Egypt and the Arab World**. A paper presented to the joint conference of the Egyptian Society for Comparative Education and CDUE, Cairo January 27-28, 2007. (In Arabic).

- 14- (2006). "Teacher Education in Egypt: Visions and Reality". In: Rosarii Griffin (Ed.), **Education in the Muslim World; Different Perspective**. Oxford: Symposium Books. PP. 323-337.
- 15- (2006). "A Vision to Globalization and its Applications in Curricula". In Proceeding of the joint conference of the Egyptian Society for Comparative Education and CDUE, Cairo, January 21-22, 2006. Cairo: Dar El-Fikr El-Araby. PP. 401-405 (In Arabic).
- 16- (2006). "Popularity of University Education in the Arab Nation; Some Visions vs. Reality". In: **Proceeding of the 13th CDUE Conference on "Arab Universities in the Twenty-First Century; Reality and Visions"**, vol. 1, Cairo, November 26-27, 2006, pp. 61-73. (In Arabic).
- 17- (2006). **Beyond Curriculum, Some Issues in Pre-College Mathematics Education**. A paper presented to the international workshop on "Setting a Collaborative Mathematics Education Research Agenda for Africa and the United States", July 31 – August 1, 2006, Dakar, Senegal.
Published in:
<http://gemnetwork.gem.org/QEM> International Workshop Agenda htm
- 18- (2006). "Classification of Knowledge and the Developing of Arab Man". In: Mahmoud Al-Nakah et al (Eds.), **Proceedings of the 18th ECCI Conference on "Curricula of Education and the Developing of Arab Man"**, Cairo, July 25-26, 2006, pp. 95-102. (In Arabic).
- 19- (2006). **Contemporary Alternatives for Developing Teaching and Learning Mathematics**. A paper presented in the 6th ESME Conference on "Contemporary Approaches for Developing Teaching and Learning Mathematics", Benha, July 19-20, 2006. (In Arabic).
- 20- (2006). **The Development and Future of the Pre-University Statistical Education in Egypt; A Case Study**, A paper presented to ICOTS-7 on "Working Cooperatively in Statistics Education", Salvador, Bahia – Brazil, July 2-7, 2006.
An abstract is published in the **Abstract Book**, p.111.

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- 21- (2005). "Suggested Criteria for the Quality of University Education in Egypt and the Arab World", In: **Proceedings of "Developing Performance in Arab Universities in the Light of the 12th Conference of CDUE Cairo**, December 18-19, 2005. pp. 101-113. (In Arabic).
- 22- (2005). "**Reform, Revolution and Paradigm Shifts in Mathematics Education: Some Example and Applicable Strategies**". In Alan Rogerson (Ed.), **Proceedings of the Eighth International Conference of the Mathematics Education into the 21st Project on "Reform, Revolution and Paradigm Shifts in Mathematics Education"**, Johor Bharu, Malaysia, November 25th - December 1st, 2005. pp. 154-158.
- 23- (2005). **The Educational Needs of Learners in the Knowledge Society**, A paper presented to the conference on "Education for all in the Knowledge Society", The Committee of Education of the Supreme Council of Culture in Egypt, Cairo, November 19-20, 2005. (In Arabic).
- 24- (2005). "Teachers and Standards". In: Saed Al-Saed and Mahmoud Al-Nakah (Eds.), **Proceedings of the 17th ECCI Conference on "Curricula of Education and Standards"**, Cairo, July 26-27, 2005, pp. 135-144. (In Arabic).
- 25- (2005). "World and Educational Changes and Mathematics Education". In: W.T. Ebeid et al (Eds.), **Proceedings of the 5th ESME Conference on "World and Educational Changes and Mathematics Education"**, Benha, July 20-21, 2005. (In Arabic).
- 26- (2004). "University Activities in the Society of Information". In: Centre for Development of University Education, **Proceedings of the Eleventh Annual National Conference of CDUE in cooperation with the Centre for Cognitive Studies on "Arab University Education; Projects of Reform and Development"**, Cairo, December, 18-19, 2004, pp. 351-368. (In Arabic).

- 27- (2004). **Education in the Arab Nation and the Knowledge Society**, A paper presented in the Conference of the Committee of Education of the Supreme Council of Culture in Egypt on “Education and the Information Society”, Cairo, 11-13 October 2004. (In Arabic).
- 28- (2004). “Developing Teacher Education as an Approach to Develop Education in Egypt”. In: Mahmoud Kamel El-Nakah and others (Eds.), **Proceedings of the 16th ECCI Conference on Teacher Education**, Vol. 1, Cairo, July 21-22, 2004, pp. 101-112 (In: Arabic).
- 29- (2004). **Future Implications of Changes in the Philosophy of Science and the Philosophy of Mathematics on Mathematics Education**, A Discussion paper presented to the Discussion Group on the Philosophy of Mathematics Education, ICME 10, Copenhagen, July 4-11, 2004.
- 30-(2004). “Some Remarks on the Future of Mathematics Education”. In: Alan Rogerson (Ed.), **The Proceedings of the International Conference of the Mathematics Education into the 21st Century Project on “The Future of Mathematics Education”**, Ciechocinek, Poland, June 26- July 1, 2004, pp. 93-97.
- 31- (2004). “Developing Mathematics Education in the Knowledge Society”. In: **Proceedings of the 4th ESME conference on “Mathematics of General Education in Knowledge Society”**, Benha, July 7-8, 2004, pp. 47-53. (In Arabic).
- 32-(2004). “National Curriculum of the Egyptian School Between Revolution of Knowledge and Globalization Challenges; A Suggested Working Paper”. In: Faculty of Education, Tanta University, Dept. of Curriculum and Instruction, **Proceedings of the Symposium on “National Curriculum of the Egyptian School between Revolution of Knowledge and Globalization Challenges”**, Tanta, May 31st, 2004, pp. 114-116. (In Arabic).
- 33-(2004). **University Education in Egypt; Philosophical Points of Departure and Quality Criteria**, A paper presented to the Conference of the Arab Centre of Education and Development, Cairo, May 2004. (In Arabic).
- 34-(2004). “Chances of Continuous Education in Egypt; A Case Study”, **Education for All**, 35, May 2004, pp. 26-31. (In Arabic).

- 35-(2004). "Going beyond Formality and Considering Variety are two Essential Keys to Develop Education in Egypt", **The New Left**, (6, 7), pp. 107-135. (In Arabic).
- 36-(2003). "Future University in Egypt between Hopes and Expectations". In: Centre of Development of University Education, **Proceedings of the Tenth Annual National Conference of CDUE on Future University in the Arab Nation**, Vol. 1, Cairo, December, 27-28, 2003 (pp.98-110). Cairo, Ain Shams University Press. (In Arabic).
- 37-(October 2003). "Futuristic Issues in Mathematics Education". In: **Proceedings of the 3rd Conference of the ESME**, Cairo, October 8-9, 2003, pp. 25-33. (In Arabic).
- 38- (September 2003). "The Decidable and the Undecidable in Mathematics Education; Going beyond the Paradox". In: Alan Regerson (Ed.), **Proceedings of the International Conference on "The Decidable and the Undecidable in Mathematics Education"**, Brno, Czech Republic, September 19-25, 2003, pp. 186-188.
- 39-(July 2003). "Curricula of Education and Preparation for the Contemporary Life; A Vision". In : M.K. Al-Nakah and S.M. El-Saeed (Eds.), **Proceedings of the Fifteenth Conference of the Egyptian Council for Curriculum and Instruction (ECCI) on "Curricula of Education and Preparation for the Contemporary Life"**, Cairo, July 21-22, 2003, pp. 101-106. (In Arabic).
- 40-(December 2002). "Basic Assumptions on Arab University Distance Education". In: **Proceedings of the Ninth Annual National Conference of the Centre of Developing University Education on "Arab University Distance Education, A Futuristic Study"**, Cairo, December 17-18, 2002, pp. 91-97. (In Arabic).
- 41- (September 2002). "The Role of the Systemic Approach in the Humanistic Renaissance in Mathematics Education". In: Alan Rogerson (Ed.), **Proceedings of the International Conference on "The Humanistic Renaissance in Mathematics Education"**, Palermo, Italy, September 20-25, 2002, pp. 267-268.
- 42- (August 2002). A Suggested Theoretical Background for Educational Research in Mathematics Education. In: **Proceeding of the Second Annual Conference of the Egyptian Council for Mathematics Education on "Research in Mathematics Education"**, Cairo, August 4-5, 2002, pp. 15-22. (In Arabic).

- 43- (August 2002). **A Working Paper on Examinations and Evaluation.** Presented to the meeting organized by the General Secretariat for the Catholic Schools (to arrange for “the Pupils Conference of these schools”), Cairo, August 2nd 2002.
- 44- (July 2002). “Unity of Knowledge as an Alternative to the Concept of Performance”. In: M.K. Al-Nakah and S.M. El-Saeed (Eds.), **Proceedings of the Fourteenth Conference of ECCI on “Curricula of Education in the Light of the Concept of Performance”**, Cairo July 24-25, 2002, pp. 3-6. (In Arabic).
- 45- (July, 2002). **Some Experiences in Pre-service Teacher Education in Egypt and Conceptions about its Future, With Special Reference to Mathematics Teachers**, A paper presented to the International Program of the Park City Mathematics Institute, Park City, USA, July 14-18, 2002.
- 46- (July 2002). **Some Feature of Future Statistics Education**, A paper presented to ICOTS6, Cape Town, South Africa, July 7-12, 2002.
See: <http://www.swin.edu.au/maths/iase/publications.html>
- 47- (August 2001). “Prospective Scenarios for Mathematics Education Around the Year 2020”. In: Alan Rogerson (Ed.), **Proceedings of the International Conference on “New Ideas in Mathematics Education”**, Palm Cove, Queensland, Australia, August 19-24, 2001. pp. 176-179.
- 48- (July 2001). **Futuristic Trends in Curricula of Education**, An invited paper to the “Educational Symposium” of the Meeting of the Central Council of the Arab Teachers Union, Cairo, July 11-12, 2001 (Printed in a special pamphlet). (In Arabic).
- 49- (2001). “Suggested Policies for Promoting the Efficiency of Curricula in Formulating and Developing of Awareness”. In: Centre Egyptien de Réflexion et d’Etudes Euro-Méditerranéennes sur le Développement, **Proceedings of the Symposium on “Educational and the Future of Civic Society”**, Alexandria, pp. 143-152. (In Arabic).

- 50- (November 2000). "Theorizing for Non-theoretical Approaches to Mathematic Education". In: Alan Rogerson (Ed.), **Proceedings of the International Conference on "Mathematics for Living"**, Amman, Jordan, November 18-23, 2000 (The Keynote Speech of the Conference), pp. 6-10.
- 51- (August 2000). "Significant Efforts.. Limited Returns; The Educational System in Egypt from 1970 to 2000", **The Alumni Association Bulletin**, No. 4, The Institute of Education - University of London, p. 20.
- 52- (April 2000). **Some Basic Ideas in the Area of Preparing Functional Educational Materials for the Non-educated and Reading Materials for Literates**, A paper presented to the workshop on "Preparing Functional Materials for the Non-educated and Reading Materials for Literates", Cairo, GALAE, April 3rd, 2000. (In Arabic).
- 53-(December 1999). "Curricula of Education in Egypt in the Era of Globalism; A Self Criticism". In: Mahmoud Kamel El Nakah and Saeid M. El Saeid (Eds.), **Proceedings of the Eleventh National Conference on "Globalization and Curricula of Education"**, Cairo, July 20-22, 1999, ECCI, pp. 120-131. (In Arabic).
- 54- (November 1999). "Mathematics Education between Theory and Practice; Narrowing the Gap: A Necessary Condition for Reform". In: Alan Rogerson (Ed.), **Proceedings of the International Conference on "Mathematics Education into the 21st Century: Societal Challenges, Issues and Approaches"**, Cairo, November 14-18, 1999, Vol. 1, pp. 241-244.
- 55- (The Egypt 2020 Project's Central Team, Coordinator and Associate Coordinator) (July 1999). "The Theoretical and Methodological Foundations for Egypt 2020 Scenarios", **Egypt 2020 Papers**, 4. Cairo: Third World Forum – Middle East Office. (In Arabic).
- 56- (July 1999). "Complexity". In: **The Third Scientific Conference of The Egyptian Society of Science Education on "Science Curricula for the Twenty First Century; A Futuristic View** (pp. 795-830), Abu-Sultan, July 25-28, 1999. Cairo: Ain Shams University. (In Arabic).

- 57- (July 1999). “Complexity as a Determinant Element for Methodology of Thinking and Research”, **The Egyptian Journal for Psychological Studies**, Vol. 9, No. 23, pp. 21-31. (In Arabic).
- 58- (March 1999). “Programs of Teacher Education in Egypt from the Perspective of Teaching Future Curricula”, **International Journal of Curriculum Development and Practice**, 1 (1), Hiroshima City; Curriculum Research and Development Association. pp. 55-65. (This paper was based on a paper with the same title presented – in Arabic - to the Ninth Conference of ECCI, Cairo, July 29-31, 1997, and published in the Conference Proceedings, pp. 173-186).
- 59- (February 1999). **Mathematics Teaching and its Implications on Acquiring Scientific Literacy**, A paper presented to the International Symposium on “A Comparative Study of Curriculum and Instruction Related to Scientific Literacy”, Hiroshima City, February 7, 1999.
- 60-(The Egypt 2020 Project’s Central Team, Coordinator and Associate Coordinator) (December 1998). “Starting Points of Alternative Paths to the Year 2020, Initial Conditions of the Principal Scenarios of Project Egypt 2020”, **Egypt 2020 Papers**, 2, Cairo: Third World Forum – Middle East Office. (In Arabic).
- 61- (October 1998). **The Reality of Mathematics Education in the Secondary Education Stage in the Arab States and its Trends of Development**, An invited study prepared for presentation in the ALECSO National Symposium on Teaching Mathematics and Physics, Algeria, October 24-29, 1999. Tunis: ALECSO. (In Arabic).
- 62- (1998). Unpublished Review and Discussion – in Arabic – of the following book (Presented to the Central Team, Egypt 2020 Project):
Slougher, Richard A. (1995). **Futures Tools and Techniques**, Second edition (Revised and expanded). Melbourne: The Futures Study Centre and DDM Media Group.
- 63- (1998). “Recent Developments in the Teaching of Statistics in Egypt; An Evaluative Study in the Light of Future Trends in the Area”. In: Lionel Pereira –Mendoza et al, (Eds.), **Proceedings of the Fifth IASE International**

- Conference on Teaching Statistics “Statistics Education – Expanding the Network”**, Singapore, June 21-26, 1998, Vol. 2, pp. 635-641.
- 64- (1998). “Curricula of Adult Education”. In: ALECSO, **The Science of Adult Education; A Referenced Book** (pp. 191-227). Tunis: ALECSO. (In Arabic).
- 65- (December 1997). **Some Future Conceptions on University Curriculum**, An invited paper presented to the Fourth National Conference of the Centre of Developing University Education on “Developing University Curriculum; A Prospective Vision”, Cairo, December 16-18, 1997. (In Arabic).
- 66- (Jointly with a Team) (1997). “A View about Curricula of Pre-University Education into the Twenty First Century”, **Future of the Arab Education**, 3(9, 10), pp. 251-270. (In Arabic).
- 67- (October 1997). “Student’s Performance in Egyptian Universities; Issues and Paradoxes”, **Setour** (Lines), 11, pp. 58-59. (In Arabic).
- 68- (1997). A Working Paper on “Developing the Education of Mathematics Teacher in Faculties of Education”, Presented to the sub-committee on “Mathematics Teachers” (As a result of the First Scientific Conference of the Faculty of Education at Benha, Zagazik University on “Developing Faculties of Education”. (Unpublished, In Arabic).
- 69- (1997). **Some Future Conceptions about Mathematics Curricula in the Stage of Pre-University in Egypt**, A paper prepared for the special committee on “Developing Education in Egypt”. (Unpublished, In Arabic).
- 70- (1996). “Some Conceptions about the Future of Scientific Research in the Area of Mathematics Education”. In: CDUE, **Proceedings of the Third National Conference of the Centre of Developing University Education on “Scientific Research in Universities and Future’s Challenges”**, Cairo, November 5-7, 1996. pp. 115-122. (In Arabic).
- 71-(1996). “A Contemporary Reading of Bloom’s Taxonomy of Educational Objectives with Special Reference to the Cognitive Domain”. In: Mourad Wahba and Mona Abousenna (Eds.), **Creativity and the Developing of Faculties of Education** (pp. 71-85). Cairo: CDELT, Ain Shams University. (In Arabic).

- 72- (May 22nd, 1996). “A Dialogue on Educational Wishes; The Necessity of University Autonomy and Diminishing the Centralization of the General Secondary Examination”, **Al-Ahaly**, No. 766. (In Arabic).
- 73- (1995). **Developing a Curriculum for Equity and Excellence; A Paradox or a Challenge?**, A paper presented to the Eighth Triennial WCCI World Conference, Amritsar (India), December 29, 1995 – January 4, 1996.
- 74- (1995). **Transition to a New Paradigm in Dealing with Creativity “An Egyptian - European Dialogue”**, A paper presented to the joint conference of CDELT, CDUE, Goethe Institute and the Seminar of Creativity (of Faculty of Education, Ain Shams University), Cairo, December 11-12, 1995. (In Arabic).
- 75- (1995). “My Story with WCCI”, **Education in Asia**, XV (3-4), pp. 36-38.
- 76- (1995). “The Field of Study of Curriculum from (Development) to (Hermeneutics and Criticism); A Look at the Work of Pinar and his Colleagues”, **Future of the Arab Education**,1(3), pp. 167-180. (In Arabic).
- 77- (1994). **Production of Literary Materials in Mathematics; A Working Paper**, Presented to the Fifth Conference of the World Council for Adult Education, Cairo, September 15-23, 1994. (In Arabic).
- 78- (1994). **Issues and Conceptions on Literacy Curricula**. A paper presented to the workshop on Preparing Literacy Curricula, GALAE, CCIMD and UNICEF, Cairo, March 29-31, 1994. (In Arabic).
- 79- (1994). “Education and Social Change in Egypt: The Role and Cautions”. In: University of Tanta-Faculty of Education at Kaphr El-Sheikh, **Proceeding of the First Conference on Educational and Psychological Sciences**, Kaphr El-Sheikh, February 5-7, 1994. (In Arabic).
- 80-(1993). “Creativity and Training”. In: Mourad Wahba and Mona Abousenna (Eds.), **Creativity in School**. Cairo: Goethe Institut Kairo. (pp. 103-111). (In Arabic).
- 81- (1993). “Conceptions about Institutionalization as an Approach to the Reform of Education”, **Educational Studies**, 52, pp. 40-50. (In Arabic).
- 82-(1993). “The Dream is Nice and the Implementation is Possible !”, **Al-Ahram Al-Iktisadi** (Economic Weekly), No. 1266, April 19, 1993, pp. 62-63. (In Arabic).

- 83- (1992). **The Classical University and its Transition: The Case of the Arab World**, A paper presented to the 19th International Conference on the Unity of Sciences, Seoul, August 19-26, 1992. Published in: **Studies in University Education**, 1(3), CDUE, January 1996, pp. 1-23.
- 84-(1992). **Towards New Educational Thought for Global Survival**, A paper presented to the Seventh World WCCI Conference, Cairo, July 25-August 2, 1992.
- 85- (1992). "Coptic Education", **EDUCATIO**, 1(1) (The review of the Hungarian Institute of Educational Research), p. 142. (Abstract, in Hungarian).
- 86- (1991). "Education in Egypt: A Cultural Analysis", **Journal of International and Comparative Education**, 9, pp. 599-622 (Micro. No. 1-2). Barcelona: Micro Publications, S.A.
- 87- (1991). Appearing in a Special Panel Session on: Creativity in Educational; A New Way of Thinking. In: Mona Abousenna (Ed.), **Proceedings of the Eleventh National Symposium on English Language Teaching on "Creativity in English Teaching"**, CDELT, Cairo, March 12-14, 1991, pp. 242-244. B)
- 88- (1990). Some Contemporary Trends in Developing Curricula of Basic Education". In: S.A. Hilmy and S.G. Soliman, **Basic Education in Egypt: Reality and Future** (pp. 177-213). Cairo: NCERD. (In Arabic).
- 89- (1989). "Suggested Policies for Curriculum Development in Egypt in the Light of Future Needs". In: **Proceedings of the First Conference of the Egyptian Society for Curriculum and Instruction**, Ismaelia, January 15-18, 1989, Volume 1, pp. 39-54. (In Arabic).
- 90- (1988). "Equity and Quality in Education: A Biconditional Implication", **History and Future** (Menia University), 2(3), pp. 11-24.
- 91- (1988). "Computers in Curricula of Education", **History and Future**, 2(1), pp. 201-212. (In Arabic).
- 92- (1988). **Curriculum Development in Bahrain between Aspirations and Achievements**. A paper presented to the First WCCI Regional Conference in the Arab Countries, Al-Ain (UAE), April 4-7, 1988. (In Arabic).

- 93- (Jointly with Dr. Abd Ali M. Hassan) (1987). **The Humanistic Educator; The Concept, Role and Training.** A paper presented to the WCCI Region 4 Inaugural Conference, Manila, December 1-5, 1987.
- 94- (1987). "Trends of Development in Curricula of Education in Primary Stage in the Developing Countries, with Special References to the State of Bahrain", **Journal of Education**, 38 (4), pp. 26-41. (In Arabic).
- 95- (1987). "Trends and Priorities in Developing Curricula of General Education in Egypt". In: **Proceedings of the NEF Conference**, Cairo, April 11-13, 1987. Volume 2, pp. 611-627. (In Arabic).
- 96- (1986). **Arab Learning and Modern Education in Southern Asia**, A paper presented to the ISA International Congress, New Delhi, August 18-23, 1986.
- 97- (1987). "Special Education in Egypt". In: K.J. Kaluer and W. Mitter (Eds.), **Vergleichende Sonderpädagogik** (pp. 500-510). Berlin: Carl Marhold. (In German).
- 98- (1986). "Trends of Innovation in Programmes of Teacher Training in Some Arab Countries". In: R. Labib et al, **Collection of Articles and Research in Education**, Volume 2 (pp. 113-121). Cairo: Dar El-Thakafa. (In Arabic).
- 99- (1985). "United Arab Emirates: System of Education". In T. Husén and T.N. Postlethwaite (Eds.), **The International Encyclopedia of Education** (pp. 5348-5351). Oxford : Pergamon.
- 100-(Jointly with Prof. F.I. Mikhail) (1985). "The In-Service Education of Secondary Mathematics Teachers". In: R. Morris (Ed.), **Studies in Mathematics Education**, Volume 4 (pp. 141-150). Paris: UNESCO.
- 101- (1985). **Programmes and Institutions of Teacher Training in the Gulf Area and their Adaptability to Teachers of Adults.** A paper presented to the Workshop of the Adult Education Leaders Training Centre for Arab Gulf States, Riyadh, November 17-21, 1985. (Published in the Final Report). (In Arabic).
- 102-(1985). "Evaluation in the Area of Literacy and Adult Education; its Concept, Bases and Functions", **The Continuing Education**, 10, pp. 6-26. (In Arabic).

- 103-(Jointly with Dr. Zeinab El-Naggar) (1984). "The Politics of Curriculum Control in Egypt: A Case Study". In: I. Slade (Ed.), **Managing Curriculum: A Comparative Perspective** (pp. 202-211). London: LACE.
- 104-(1984). **Culture, Curriculum and the Production of Knowledge**. A paper presented to the Mid-term Conference of the ISA Research Committee on Sociology of Education, Paris, August 14-17, 1984.
- 105-(Jointly with Prof. R. Labib and Dr. F.H. Shams El-Din) (1984). **Educational Technology in Developing Countries**. A paper presented to the WCCES Fifth Congress, Paris, July 2-6, 1984.
- 106-(1984). **Curriculum and the Education of Socially Disadvantaged with Reference to Egyptian Experiences**. A paper presented to the CESI Third Conference, New Delhi, January 2-4, 1984.
- 107-(1983). **Teacher Training for Technical Education in Egypt**. A paper presented to the ATEE working group on "The Training of Vocational Teachers", Aalborg, September 5-9, 1983.
- 108-(1983). **The Role of the Curriculum in Achieving Social and Economic Order**. A paper presented to the WCCI Fourth World Conference, Edmonton, July 26 - August 4, 1983.
- 109-(1983). **Multiculturalism and Multicultural Education; Rationale and Future Conceptions**. A paper presented to the Eleventh CESE Conference, Wurzburg, July 3-8, 1983.
- 110-(Jointly with Prof. R. Labib) (1983). "Strategies of Interaction between Teacher Training and Innovations at School in Egypt", **Journal of Education**, 34 (2), pp. 2-29. (In Arabic).
- 111-(1982). **Suggested Principles for the Sociology of Pre-University Curriculum**. A paper presented to the ISA Tenth Congress, Mexico City, August 16 -20, 1982.
- 112-(1982). "Some Conceptions about Emerging Trends in Methodologies of Social Sciences and their Implications on Methodologies in Comparative Education". In: R. Cowen and P. Stokes (Eds.), **Methodological Issues in Comparative Education** (pp. 159-164). London: LACE.

- 113-(1981). **A Suggested Model for Using System Analysis Approach in Educational Research.** A paper presented to the Tenth CESE Conference, Geneva, September 20-23, 1981.
- 114-(1981). “Teacher Training in Egypt; Problems and Prospects, **ATEE Journal**, 4, pp. 69-75.
- 115-(1981). **An Analysis of Factors of Development and Backward in our Educational and Psychological Culture.** A paper presented to the Conference of the Supreme Council of Culture on “Our Educational and Psychological Culture”, Cairo, April 15-17, 1981.
- 116-(1980). “A Perspective Outlook for Mathematics Curricula in Technical Education”. In: **Proceedings of the Conference of the Academy of Scientific Research and Technology on “Mathematics Education at the Pre-University Stage”**, Cairo, December 8- 11, 1980, pp. 260-270. (In Arabic).
- 117-(1980). “Developing Mathematics Curricula in General Education in Egypt”, **Journal of Education**, 32(1), pp. 61-79. (In Arabic).
- 118-(Jointly with M.M. Metwally and K. Abou-Haggar) (1978). **The Examination System in Sweden.** A paper presented to the Second Conference of the Egyptian Education Society in the UK, London, March 9-12, 1978.

C) Researches

- 1- (A member of a team of CDUE) (2002). **Preparing and Producing the Requirements of Developing Competencies of Faculty Members**, ALECCO (Unpublished – In Arabic).
- 2- (2001). “Education in Egypt; Reality and Future up to the Year 2020”, **Egypt 2020 Books**, 9. Cairo: Egyptian Anglo Bookshop (Publications of the Third World Forum – Middle East Office). (In Arabic).
- 3- (Co-ordinator and Member of the Team) (2000). **Continuing Education and Literacy**, A study presented to the Egypt 2020 Project. Cairo: Third World Forum – Middle East Office. (In Arabic).

- 4- (Principal Investigator) (1999). **Higher Education in Egypt; Development and Future**, A study presented to the Egypt 2020 Project. Cairo: Third World Forum – Middle East Office (Summed up and re-edited in the form of a paper of Egypt 2020 Papers, See above; Books, No. 3). (In Arabic).
- 5- (Principal Investigator) (1997). **The Contribution of the Association of Upper Egypt for Education and Development in Applying the Principles of the Rights of the Child; An Evaluative Study**. Cairo: ACHE.
- 6- (Jointly with a team) (1994). **Evaluation of the Fourth Grade Curriculum and Educational Activities of the Academic Year 1992/1993**. Cairo: NCEEE. (In Arabic).
- 7- (Jointly with a team) (1993). **The Preparation of Basic Education Teacher**. Cairo: CDSME and the Academy of Scientific Research and Technology. (In Arabic).
- 8- (1991). **Nationalism and World Unity; Educating for the 21st Century- The Case of the Arab World**, A paper presented to the 18th International Conference on the Unity of Sciences, Seoul, August 23-26, 1991.
- 9- (Jointly with Dr. Dia El-Din Zaher) (1991). “Bases for the Structure of the Suggested Training Programme for Recruits of Compulsory Public Service as Teachers in Literacy Classes”. In: S.G. Soliman (Ed.), **A Study for the Design of a Training Programme for Recruits of Compulsory Public Service as Teachers in Literacy Classes**. Cairo: NCERD. (In Arabic).
- 10- (Jointly with Dr. Samir Abdel-Al Mohamed) (1991). “Creativity and Mastery Learning: A Curricular View”, **WCCI Forum**, 4(2), December, 1990. (Special issue on Creative Curriculum Development and Practice, 1989, Triennial WCCI Conference Proceedings, edited by Jessie A. Roderick), pp. 115-118.
- 11- (1988). “Trends of Change in School Curricula into the 21st Century”, **WCCI Forum**, 2(2), pp. 78-91.

- 12- (1988). "A Curricular View to Moral Education". In: R. Carson (Ed.), **Toward a Renaissance of Humanity: Rethinking and Reorienting Curriculum and Instruction** (pp. 139-149). Alberta: University of Alberta (WCCI publication).
- 13- (1988). "Basic Concepts in School Mathematics". In: S.I. Ali (Ed.), **Yearbook of Education and Psychology**, Volume 15 (pp. 3-25). Cairo: Dar El-Thakafa.
- 14- (Jointly with Dr. A.Y. Al-Hawaj and Dr. M.M. Moustafa) (1988). "Evaluative Remarks on Mathematics Curricula in the State of Bahrain, with Emphasis on Curricula of Primary Education", **Journal of Education**, 39 (3), pp. 27-40. (In Arabic).
- 15- (1988). **A Suggested Model for a Geometry Unit in Pre-service Elementary Training Programmes**. Bahrain: Department of Education – University of Bahrain. (In Arabic).
- 16- (Jointly with Prof. R. Hamoud) (1988). "A Pilot Study for Comparing between the Achievement of Primary School Pupils and Trainees of Literacy Programmes in Arabic and Mathematics in the State of Bahrain", **The Continuing Education**, 14, pp. 14-35. (In Arabic).
- 17- (Jointly with Prof. R. Hamoud, Prof. M.N. Nofal, F. Al-Khalifa and A. Al-Mously) (1987). **Evaluative Study to the Programme of the Postgraduate Diploma in Education**. Bahrain: Department of Education - University of Bahrain. (In Arabic).
- 18- (Jointly with Prof. R. Hamoud) (1987). **A Study to Measure and to Identify the Level of Achievement of Trainees of Literacy Programmes in Arabic and Mathematics in the State of Bahrain**. Bahrain: ALECSO-Adult Education Leaders Training Centre for Arab Gulf States. (In Arabic).
- 19- (1986). "Technology and Educational Systems in Developing Countries, with Special Reference to the Arab world", **The Tunisian Review for Educational Sciences**, 15, pp. 5-27. (In Arabic). (Presented to the Eleventh CESE Conference, Antwerp, 1985).

- 20- (1986). "Disposition of Student Teachers from some Major Issues of Mathematics Education". In: R. Labib et al, **Collection of Articles and Researches in Education**, Volume 2 (pp. 245-324). Cairo: Dar El-Thakafa. (In Arabic). (Presented to ICME 5, Adeliade, 1984).
- 21- (Jointly with Prof R. Labib and Dr. F.H. Shams El-Din) (1986). "An Experience in Developing Programmes of Professional Training for Students of Faculties of Education". In: R. Labib et al, **Collection of Articles and Researches in Education**, Volume 2, (pp. 149-241). Cairo: Dar El-Thakafa. (In Arabic).
- 22- (Jointly with Prof R. Labib) (1986). "An Evaluation of the Social Aspects in the Programmes of Teacher Training in the Faculties of Education in Egypt". In: R. Labib et al, **Collection of Articles and Researches in Education**, Volume 2, (pp. 131-147). Cairo: Dar El-Thakafa. (In Arabic).
- 23- (Jointly with Dr A.Y. Al-Hawaj and Dr. M.M. Moustafa) (1985). **The Results of the Placement Tests in Mathematics in the University College of Bahrain; An Evaluative Study**. Cairo: Dar El-Thakafa. (In Arabic).
- 24- (1983). "The Training Programme for the Teachers of Handicapped Children in Egypt: An Evaluative Study". In: F.M. Mina, **Collection of Articles and Researches in Education**, Volume 1 (pp. 106-128). Cairo: Dar El-Thakafa. (In Arabic). (Presented to the Seventh ATEE Conference, Birmingham, 1982).
- 25- (1982). "Understanding Mathematical Structure by Ain Shams University Students", **Journal of the Faculty of Education- Ain Shams University**, 5. (In Arabic).
- 26- (Jointly with DR. S.G. Soliman) (1982). **An Evaluation of the General Cultural Programme for Literacy Classes**. Cairo:NCER. (In Arabic).
- 27- (1982). "Factors Affecting the Achievement of Postgraduate Students in Education in the Area of Curricula with Special Reference to the Employment of (Research Projects) as a Medium of Study". In: S.I. Ali (Ed.), **Yearbook of Education and Psychology**, Volume 8 (pp. 17-66). Cairo: Dar El-Thakafa. (In Arabic). (Presented to the Fifth ATEE Conference, Oldenburg, 1980).

- 28- (1981). "Academic Research in Mathematics Education in England: An Analytical Study; 1951-1976", **Journal of the Faculty of Education – Ain Shams University**, 4 (Part 2) 91-124.
- 29- (1981). "Some Hypotheses about the Difference between Comprehensive and Selective Schools in England in Respect of Outcomes of Teaching Mathematics", **Journal of the Faculty of Education - Ain Shams University**, 4, (Part 1), pp. 190-206.
- 30- (1981). "A Suggested Outline for a Geometry Syllabus in Primary Education", **International Journal of Mathematics Education in Science and Technology**, 5, pp. 525-529. (Presented to ICME 4, Berkeley, 1980).
- 31- (Jointly with Dr. S.G. Soliman) (1981). **Motivations of Adult Illiterates in Egypt to Join Literacy Classes**. Cairo: NCER. (In Arabic).
- 32- (Jointly with Dr. K.Y. Iskander) (1981). **University Teacher's Training Session in Cairo University; An Evaluative Study**. Alexandria: El-Dar El-Masria El-Haditha. (In Arabic).
- 33- (1980). "Achievement in Mathematics in the Last Years of Secondary Education in Selective Schools in Egypt and England". In: S.I. Ali (Ed.), **Yearbook of Education and Psychology**, Volume 7 (pp. 1-48). Cairo: Dar El-Thakafa.
- 34- (1980). **Curricula of General Education; An Analytical Study**. Cairo: Dar El-Thakafa. (The winner work of the State Prize in Education, Egypt, 1983). (In Arabic).
- 35- (Jointly with M.M. Metwally) (1977). **The Relationship between Educational Diversity and Political Unity; Statistical Perspective**. (Presented to the Third WCCES Congress, London, June 27 - July 1st, 1977).

Invited Lectures :

- 1- (March 18, 2002). **The Reality and Future of Education in Egypt**, Arab Economic Society, Cairo. (In Arabic).

- 2- (August 15, 2001). **The Methodology of Complexity and some of its Implications on Educational Research.** Faculty of Education , The University of Wollongong, NSW, Australia.
- 3- (March 16, 1994). **Means of Training.** The Coptic Centre for Human Resource Development, BPESS. (In Arabic).
- 4- (July 28, 1993). **Education and Curriculum Development in Egypt.** The Fulbright-Hays Summer Seminar, The Fulbright Commission in Egypt, Cairo.
- 5- (August 11, 1986). **Mathematics Education in the Arab World; Its Real Status and Cultural Background.** University of Tsukuba - Institute of Education, Japan.
- 6- (April 29, 1985). **Planning, Implementation, Following up and Evaluation of Information Programmes for Literacy and Adult Education.** The Adult Education Leaders Training Centre for Arab Gulf States – ALECSO, Bahrain. (In Arabic).
- 7- (April 8, 1984). **Mathematics for Every Era.** The Ministry of Education (The Cultural Season), Bahrain. (In Arabic).

Visiting Scholar:

University of London Institute of Education – Department of Comparative Education (August – October, 1982).

Visiting Professor:

University of Emirates, Faculty of Education, First Semester, 1992/1993.

Awards:

- The Recognition Award Fellowship, Project Milestone (Teachers College, Columbia University), 1992.
- Medal of Science and Arts of the First Degree (Egypt), 1985.
- The State Prize in Education in Egypt, 1983.

- Armour of Faculty of Education – Cairo University, Beni Sweif Branch, May 2005.
- A Token of Recognition and Appreciation, Ain Shams University, October 2006.

Membership to Academic and Professional Associations:

Fellow:

The Institute of Mathematics and its Applications (FIMA)

Member of:

- * The World Council for Curriculum and Instruction (WCCI) (member of the Board of Directors; 1984 – 1998)
- * University of London Institute of Education Society
- * Convocation of London University
- * The New Education Fellowship (Egypt) (Former board member and former treasurer)
- * The Egyptian Council for Curriculum and Instruction (Vice-President and former Secretary)
- * The Egyptian Society for Mathematics Education.
- * The International Association for Statistical Education (National Correspondent).
- * The International Statistical Institute (ISI).

Other Activities:

- 1- **Secretary**, The 9th conference of ESME on “New Technologies and Developing Mathematics Education”, Cairo, August, 4-5, 2009. (and Chair of session).
- 2- **Chair**, A session on “Education in Light of Decentralization; Furnish Practices & Egyptian Visions” NCEEE, April 2nd, 2009 (10.00 – 12.00 Am).
- 3- **Member**, A committee to build up criteria for teacher education in Egypt, NAQAAE, 2009.
- 4- **Chair**, A session on “Global Education”, WCCI Conference, September 2-7, 2008, Antalya, Turkey, (Sept. 3, 2.00-3.30 pm).

- 5- **Member**, Committee of Evaluation, Developing Secondary Education in Egypt.
- 6- **Member**, Committee of Visitors, Pan African Mathematics Olympiad, (Quality Education for Minority (QEM) Network USA), University of Ouagadougou, Burkina Faso, November 4-10, 2007.
- 7- **Participant and Session Chair**, the Eighth Conference of Fayoum University on "Total Quality and Accreditation", May 23-24, 2007.
- 8- **Participant**, The First Conference of Ain Shams University on "Research for Development; Towards a Strategy for Application", March 25-27, 2007.
- 9- **Organizer**, All the Symposiums of CDUC- Evaluation Section since 2001.
- 10- **Trainer**; FLDP (2004-2007).
- 11- **Participant**, the conference of the Egyptian Council for Science Education on "Towards a Better Science Education", Fayed, Ismailia, July 27-30, 2003.
- 12- **Workshop Administrator, Ideas for Integrating Mathematics and Science at All Levels**, SMEC VII Conference, American University in Beirut, Beirut May 23-24, 2003 (May 24). (In Arabic).
- 13- **Practical-Interactive Session Administrator, Encouraging Creative Thinking Through Mathematics Education**, UNESCO, Cairo Office / AUB Beirut (May 24, 2003). (In Arabic)
- 14- **Participant**, the Conference of the Egyptian Council for Science Education on "Science Education and the Culture of Society", Abo Soutan, Ismailia, July 28-31, 2002.
- 15- **Participant**, the symposium of the Institute of Advanced Studies (ISA)/ Park City Mathematics Institute on "Mathematics Education Around the World: Bridging Policy and Practice", Park City, Utah (USA), July 19-24, 2001.
- 16- **Co-ordinator and participant**, The International (Mathematics) Super Course Planning Meeting, Zajaczkowo (Poznan), Poland, June 28- July 2, 2001.
- 17- **Participant** (in a panel session), **Proceedings of the Second Scientific Conference on Educational Research "A Future Perspective"**, Faculty of Education- Ain Shams University and NCERD, Cairo, April 17-19, 2001, Vol.2, pp. 1016-1078.

- 18- **Vice-Chairman**, The Twelfth (Up to the 20th) Conferences of the Egyptian Council for Curriculum and Instruction.
- 19- **Chair**, Local Organizing Committee, The International Conference on “Mathematics Education into the 21st Century: Societal Challenges, Issues and Approaches”, Cairo, November 14-18, 1999.
- 20- **Cooperating member** (April 1998 – March 1999), A Comparative Study on Scientific Literacy (Basic Science Education Curricula of Seventeen Countries), Faculty of Education, Hiroshima University, Japan.
- 21- **Director**, The Seventh World WCCI Conference on “Generating Options for Global Survival: Education for All”, Cairo, July 25- August 2, 1992.
- 22- **A Reviewer**,
- a) (2005). Curricula of Teaching of Mathematics for Faculties of Education, FOEP-PMU, (Faculties of Education Enhancement Project - Project Management Unit).
 - b) The Program Evaluation Standards (May 1992, Draft), The Joint Committee on Standards for Evaluation, U.S.A.
- 23- **Organizer**, The First WCCI Regional Conference in the Arab Countries (Jointly with University of Emirates and UNESCO) (Al Ain, April 4-7, 1988).
- 24- **Contributor to the following research projects and studies:**
- a. (2004). **National Standards of Literacy in Egypt** (GALEAE)
 - b. (2003). **Workshop on National Standards for Egyptian Curricula** (In Christian religion and mathematics), Member of teams, Ministry of Education, Cairo.
 - c. (1993). **Analyzing Saudi Arabian Textbooks** (Principal investigator of the mathematics group), Ibn Khaldoon Center for Development Studies.
 - d. (1992/1993). **The Concept of Pupils of Angle and its Measure**, IFPEMIS.
 - e. (1990). **Scientific Literacy** (Egyptian Council for Curriculum and Instruction)
 - f. (1988-1990). **The Future of Arab Education** (Amman, Arab Thought Forum)

- g. (1986). **Emotional Stress and Student Teachers**, A cross-cultural study included Canada, Egypt, Holland, Korea, New Zealand, Thailand and U.S.A. (Organised by Robert E. Wright and Elizabeth Manera).
- h. (1983). **The Level of the First Stage Teacher** (Faculty of Education - Ain Shams University, sponsored by the International Centre for Development Research – Canada.)
- i. (1981). **Designing a Curriculum of Social and Cultural Planning for Diploma Students** (INP, CSCP, Cairo).
- j. (1979). **Second Stage Teacher** (Faculty of Education, Ain Shams University – sponsored by the World Bank).
- k. (1979). **Education in Egypt; A Call for a Dialogue** (Faculty of Education - Ain Shams University).
- l. (1978). **IBE Educational Profiles** (Edited by Prof. B. Holmes).
- m. (1975). **Curriculum Development in Egypt** (The Egyptian Educational Society in the UK).

25- Consultant:

- a. The World Bank (ALP)
- b. Human Resources Development and Information Centre, Cairo (U.A.E. Literacy Programme).
- c. CCIMD, Cairo. (1990-1992)
- d. CDELT, Cairo. (1990-1992)
- e. ICT Illiteracy Eradication Project (ICT Trust Fund) (2003-2005)
- f. FOER Project, ERP (USAID) (Since 2004).

26- **An expert**, Science Education Centre – Ain Shams University (1982-1983).

27- **Head**, Division of Educational Technology, Centre for Developing University Education, Ain Shams University (1992-1994) and the Division of Evaluation (2001-).

28- **Member of the Editorial Advisors Board**, PROSPERO (PER, UK, since 2003), The Journal of The Egyptian Council for Mathematics Education (since 2002). Quaderni De Riclra In Didattica (GRIM, Palermo, Since 2001),

International Journal of Curriculum and Instruction (Japan) (since January 1997), the Future of Arab Education (since 1997), Studies in University Education (since 1992), Studies in Curricula and Instruction (ECCI, since 1990), WCCI Forum (USA, since 1986).

29- **Secretary**, The Committee on Developing Human Resources and Social Welfare, University Linkage Project (1982-1983, and October 1988 – June 1992).

30- **Member of the Organizing Committee and / or the Scientific Board of Referees:**

a. Annual National Conferences of the Centre for Developing University Education, Ain Shams University (1997-2009).

b. The First National Conference on Physical and Mathematical Sciences and their Applications (Phyma 1) – Egyptian Syndicate of Scientific Professions, Cairo, November 27-30, 1995.

c. Annual ECCI Conferences (since 1990).

d. NEF, Towards a Critical Vision to the Arab Educational Thought, Cairo, 4-6 July, 1989.

31- **Co-editor:**

a. (2004). **Proceedings of the 16th ECCI Conference on Teacher Education.** Cairo, ECCI. (In Arabic).

b. (1992) “Moving into the Twenty-First Century”, **Studies in Mathematics Education**, Vol.8, Paris, UNESCO.

c. (1988) **Toward a Renaissance of Humanity: Rethinking and Reorienting Curriculum and Instruction.** Alberta: University of Alberta (WCCI Publication).

32- **Participant in the following – other – conferences and symposiums:**

- (2005). **The 12st AUC Conference on “Reform in Egypt; Opportunities and Challenges”**, Cairo, AUC, March 6-7, 2005.

- (2004). **11th AUC Research Conference on “Quality Education for Egypt: Achievements & Challenges”**, Cairo, AUC, March 28-29, 2004.

- (A panel session) (2001). “Educating Values and curricula”, organized by **ECCI**, Benha, Faculty of Education, Zagazik University, March 21, 2001.
- (A panel session) (February 21, 2001). “School Mathematics; Criteria and Levels”, **The Annual Scientific Conference of the Egyptian Council for Mathematics Education**, Giza, October 6 University, February 21-22, 2001.
- (A special discussion session) (April 17, 2000). “Education in Egypt: Challenges and Prospects”, **Seventh AUC Research Conference** on “Research and Education in Egypt”, The American University in Cairo, April 16-17, 2000.
- (A panel symposium) (December 9, 1998). “Evaluation of the Performance of Faculty Members”, **The Fifth National Conference of CDUE** on “Evaluation of University Performance”, Cairo, December 8-10, 1998.
- (A session chair) (1998). **WCCI Ninth Triennial World Conference** on “Educating for Balance: Integrated Technology and the Human Spirit on a Global Scale”, Bangkok, July 13-17, 1998 (Faculty of Education – Chulalongkorn University) (WCCI).
- (A session chair) (1997). **The Ninth Scientific Conference of ECCI** on “Programmes of Faculty of Education in the Arab World; A Futuristic View”, Cairo, July 29-31, 1997.
- (1997). **The First Scientific Conference of the Faculty of Education at Benha**, Zagazik University on Developing Faculties of Education. A Series of meetings and workshops for experts, Benha, February – May, 1997.
- (1997). **The National Conference of Adult Education**, The General Authority for Literacy Eradication and Adult Education, Cairo, January 5-6, 1997.
- (A session chair) (1996). **The Eighth ECCI Conference on “Curriculum of the Gifted and Slow Learners”**, Cairo, September 25-26, 1996.
- (1996). **The Second Conference of the Faculty of Education at Aswan**, University of Southern Valley, Aswan, March 11-13, 1996.

- (1995). **The First National Conference on “Physical and Mathematical Sciences and their Applications”**, The Egyptian Syndicate of Scientific Professions, Cairo, November 27-30, 1995.
- (1995). **The Seventh ECCI Conference on “Secondary Education and the Challenges of the 21st Century”**, Cairo, August 7-10, 1995.
- (1994). **The National Conference on Developing Preparatory Education**, The Egyptian Society for Development and Childhood in cooperation with Ministry of Education, Cairo, October-November, 1994.
- (A session chair) (1994). **The Sixth ECCI Conference on “Curricula between Positive and Negative Aspects”**, Ismailia, August 8-11, 1994.
- (1994). **The Fourteenth NEF Conference on “Education and Media”**, Cairo, July 11-13, 1994.
- (1994). **The Second National Conference of the Faculty of Education at Benha**, (Zagazig University) on “New Trends on Teaching Mathematics and Science”, Benha, May 3-5, 1994.
- (1993). **The Third Egyptian-French Seminar on Mathematics Education**, IFPEMIS, Cairo, 19-21 November, 1993.
- (A session chair) (1993). **The Fifth ECCI Conference on “Towards a Better Secondary Education”**, Cairo 2-5 August, 1993.
- (1993). **The Conference of the Faculty of Education – Assiut University** on “Developing the Educational Programmes of Preparing Teachers in Faculties of Education”, Assiut, 16-17 February, 1993.
- (1993). **Creative Leadership in a Changing World**, A symposium organized by Goethe Institute in Cairo, Faied, April 26-27, 1993.
- (1993). **Communication and Education**, UNESCO Commission in Egypt, Cairo, 26-30 June, 1993.
- (1992). **The Fourth ECCI Conference on “Towards a Better Basic Education”**, Cairo, 3-6 August, 1992.

- (1992). **The First Scientific Conference of Faculty of Education – Aswan** (Assiut University) on “Education and Future Challenges”; Aswan, April 14-16, 1992.
 - (1992). **The Symposium of the Faculty of Education – Assiut University** on “Teacher Education between the Integrative and the Successive System”, Assiut, April 11, 1992.
 - (1991). **The Third ECCI Conference** on “Futuristic Visions to Curricula in the Arab Home”, Alexandria, August 4-8, 1991.
 - (A session chair) (1991). **The Sixth Conference of NEF** on “Secondary Education: The Present and the Future”, Cairo, July 6-8, 1991.
 - (1991). **A Seminar on Creativity**, arranged jointly by Faculty of Education – Ain Shams University, Goethe Institute and Ministry of Education, Cairo, March 5-6, 1991.
 - (1990). **Pre-ICUS Meeting**, Atlanta, 7-9 December, 1990.
 - (1990). **The Future of Education in the Arab World**, Amman, Arab Thought Forum, 12-14 May, 1990.
 - (1989). **Policy Options for Educational Reform**, Cairo, NCERD and BRIDGES, Cairo, 29-31 January, 1989.
 - (1987). **The Future Visions of Education in Arab World**, ATF, MOE (Bahrain) and ABEGS, Bahrain, 3-5 October, 1987.
 - (1986). **Education in a World of Crisis**, Department of Education – Delhi University and Comparative Education Society of India (CESI), New Delhi, 23-24 August, 1986. (Presenting a working paper entitled “Structure of Education”).
 - (1986). **Higher Education at a Distance with Emphasis on Arab Gulf States’ Open University Project**, ABEGS & UNESCO, Bahrain, 2-6 November, 1986.
- 33- **Organizer**; The training session on “Planning Educational Programs”, BPESS, Alexandria, May 21-22, 1994.

34- **Chair:**

- The Committee on Editing Evaluation Guides in mathematics for the primary (since 1996) and preparatory stages (1996-2000) in Egypt, NCEEE.
- The University Committee on examining mathematics textbooks of preparatory stage, 1992.

35- **Translator and reviser of translations;** Some Mathematics Textbooks and Evaluation Guides for primary education.

36- Contributor to the training sessions of “Preparing University Teachers”, Ain Shams and some other universities (since 1978).

37- **Instructor**, The American University in Cairo, Second Term, 1991-1992.

38- **Member of Board of Managers**, Al-Raja School, Bahrain (1987-1988).

39- **External Examiner** for Higher Degrees, Faculty of Education – University of Bahrain.

40- **Contributor to the Annual Ministry of Education Conferences for Teachers**, Bahrain (1985-1987).

41- **Member of many other educational committees**, a referee for some other scientific journals in education, contributor to many other training sessions, other seminars and workshops.