**Curriculum Vitae (C.V)**



Soheil Hussein Mahmoud Salha

Associate Professor

College of Educational Sciences,

An-Najah National University

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**Personal data**

Soheil H. M. Salha

Place and date of birth: Gaza, Sept. 7, 1972

E-mail : [ssalha@najah.edu](mailto:ssalha@najah.edu), soheilsalha@hotmail.com

**Education:**

2012 Ph.D in Curriculum & Instruction – Math Education (Educational Technology), University of Jordan. Dissertation title “The Effect of Educational Program Supported with Illuminations on Mathematical Problem Solving and Spatial Ability of Seventh Grade Students in Palestine"

1998 M.Sc. in Methods of Mathematics Teaching, College of Educational Sciences, An-Najah National University, Nablus, West Bank.

1995 B.Sc in Methods of Mathematics Teaching, College of Educational Sciences, An-Najah National University, Nablus, West Bank.

**Working and Professional Experience:**

**\* Curriculum & Instruction:**

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| 2018-2022 | Chairperson of Teacher Education Dept., Faculty of Educational Sciences- An-Najah National University. |
| 2019 | Coordinator of "Evaluation of school textbooks, grades 1-9" |
| 2018 | Coordinator of “Practicum Program", Faculty of Educational Sciences- An-Najah National University. |
| 2018 | Evaluator of Taawon training programs in" Conservation and Management of the Built Heritage". |
| 2012- 2014 | Chairperson of Curriculum & Instruction, Faculty of Educational Sciences- An-Najah National University. |
| 2012- 2015,  2018- Present | Coordinator of M.A programs in Math education, Science education, English language teaching & Curriculum & Instruction. |
| 2003-Present | Instructor, Methods of Teaching Dept. College of Educational Sciences, An-Najah National University, Nablus, West Bank.  I mainly teach methods of teaching mathematics courses in the primary and secondary school stages. Before becoming a full- timer, I was a part-timer in the same department from 1999-2003. |
| 2012-Present | Trainer at E-learning center in designing e-courses, instructional design, active learning strategies, e-portfolio, evaluating blended learning courses and developing Moodle courses at B.A, M.A and Ph.D levels. |
| 2016 | Coordinator and trainer of Math module for teachers of grades (1-4). |
| 2016 | Trainer of integration module for teachers of grades (1-4). a project funded by World Bank |
| 2013 | Developing a course of Math 1 based on Moodle system. The course was evaluated and approved. |
| 2012 | Developing a module of “Learning resources “–Diploma of Classroom teacher of grades (1-4). |
| 2012 | Developing a course of “Math teaching “a project funded by World Bank. |
| 2012 | Teaching the module of “Partnership activating inside and outside school “ Diploma of Classroom teacher of grades (1-4). |
| 2010-2011 | Author and editor-Obekian for development and research – Jordan. The tasks were authoring, revising and editing additional math materials of Saudi Arabia curriculum. |
| 2001- 2003 | Instructor, Academic Curriculum, School Training Unit Project |
| 2001- 2003 | Instructor, Classroom Management , School Project Training Unit |
| 1997-1998 | Participant in the drafting and preparation of the First Palestinian Curriculum Plan approved by the Palestinian Legislative Council and the Cabinet. |
| 1997-1998 | Participant in the drafting, wording and revising the National Strategy for Technical and Vocational Training in Palestine, a project which involved Ministry of Labor, Ministry of Education and Ministry of Higher Education. The aim of this plan was to diversity secondary education tracks in Palestine. |
| 1998 | Supervision of teacher’s courses pertinent to the experimentation of the outlines of the various disciplines |
| 1996-1997 | Mathematics teacher, Al-Ittihad Secondary School, Nablus, West Bank |
| 1995-1996 | Mathematics teacher, Gaza schools, Gaza strip |
| 1995-Present | Evaluator &Statistical analyst. |

**\* Management:**

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| 2005 | Assistant to Dean of Educational Sciences College, An-Najah National University, Nablus, West Bank. |
| 1997-2003 | Chair of Mathematics Curriculum Dept. Ministry of Education, Palestinian Curriculum Development Center, Ramallah, Palestine |
| 1997-1999 | Deputy Director of Palestinian Curriculum Development Center, Ministry of Education, Ramallah, Palestine. |

**\* Others:**

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| 1998 | Preparation of the Palestinian Curriculum Development Center structure in terms of departments and divisions |
| 1998 | Preparation, writing and typing “ Palestinian Third Mathematical Olympiad “ |
| 1997 | Preparation of the Palestinian Curriculum Development Center budget for several years of the implementation of the Palestinian Curriculum. |
| 1995- 1996 | Accountant, Salha Company Ltd. Gaza Strip |

**Publications and Research:**

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| 2023 | Palestine Occupied Territory; scoping efficient and effective investment in high-quality education and training, *Journal of Groundwork Cases and Faculty of Judgement* 2(2), 189-208 |
| 2023 | Are open educational resources (OER) and practices (OEP) effective in improving learning achievement? A meta-analysis and research synthesis. [*International Journal of Educational Technology in Higher Education*](https://educationaltechnologyjournal.springeropen.com/)*. 20*, 54. https://doi.org/10.1186/s41239-023-00424-3 |
| 2023 | * Intelligent Tutoring Systems Examined in social experiments-Is the magic gone? A meta-analysis. *ICALT 2023: The 23rd IEEE International Conference on Advanced Learning Technologies*, Orem, UT, United States, pp. 50-54, doi: 10.1109/ICALT58122.2023.00020. |
| 2023 | Fostering a Culture of Qualitative Research and Scholarly Publication in a Leading University in the West Bank: A Palestinian-UK Capacity-Building Collaboration. *Higher Education Research & Development. 42*(8), 1825-1839. https://doi.org/10.1080/07294360.2023.2209518. |
| 2023 | The role of the family in alleviating electronic violence among children from the educational counselors in the northern governorates point of view. *Hebron University Journal.* 18(1), 89-115. |
| 2023 | A Critical Analysis of the Education Policy in Turbulent Times: A comparative study. *Power & Education*. 0(0), 1-22. DOI: 10.1177/17577438231168965 |
| 2023 | *The Sate of Art of Educational Leadership in Palestine: The Two Faces of the Coin.* Demystifying Educational Leadership and Administration in the Middle East and North Africa: Challenges and Prospects. Routledge.  * DOI: 10.4324/9781003334835-9 |
| 2023 | The use of infographic in improving conceptual understanding and attitudes toward mathematics among basic stagestudents.  *Psychological & Educational Studies.* Accepted |
| 2022 | A Scientific Education Program in the Light of the Montessori Approach to Acquire the Scientific & Personal Skills of the Kindergarten Child in Palestine. *Journal of Reading and Knowledge, 246*, 220-271. |
| 2022 | The effect of the integration of STEM on critical thinking and technology acceptance model. *Educational Studies*, *48*(5), DOI: [10.1080/03055698.2020.1793736](https://doi.org/10.1080/03055698.2020.1793736). |
| 2022 | The Level of Mathematical Knowledge of Mathematics Teachers for the First four Grades in Nablus Governorate*, IUG Journal of Educational and Psychology Sciences, 30*(4), 687-715. https://doi.org/10.33976/IUGJEPS.30.4/2022/26 |
| 2022 | Is Metaverse in education a blessing or a curse: a combined content and bibliometric analysis. *Smart Learning Environments, 9*, https://doi.org/10.1186/s40561-022-00205-x |
| 2022 | Developing Teaching Practice in Computational Thinking in Palestine. *Frontiers in Psychology,* *13*, 13:870090. doi: 10.3389/fpsyg.2022.870090. |
| 2022 | A Comprehensive Framework for Comparing Textbooks: Insights from the Literature and Experts. *Sustainability*, *14*, 6940. https:// doi.org/10.3390/su14116940 |
| 2022 | Exploring the factors influencing mobile technology integration in higher education, *Technology, Pedagogy and Education*, *31*(3),  DOI : 10.1080/1475939X.2022.2052949 |
| 2022 | Challenges Facing Online Learning During COVID-19. In: Burgos D., Affouneh S. (eds) Radical Solutions in Palestinian Higher Education. Lecture Notes in Educational Technology. Springer, Singapore. https://doi.org/10.1007/978-981-19-0101-0\_10 |
| 2022 | Exploring the Characteristics of Gifted Pre-School Children: Teachers’ Perceptions. *Sustainability*. 14(5):2514. https://doi.org/10.3390/su14052514 |
| 2022 | Cross-language contributions of rapid automatized naming to reading accuracy and fluency in young adults: evidence from eight languages representing different writing systems. *J Cult Cogn Sci, 6,* 151-168. https://doi.org/10.1007/s41809-021-00092-7 |
| 2021 | Understanding Arab Students’ Behavioral Patterns in an Online Course: An Explanatory Study Based on Hofstede’s National Cultural Dimensions. *Sustainability*, *13*, 12426. https://doi.org/10.3390/su132212426 |
| 2021 | Impact of the mathematical modeling on conceptual understanding among students' teachers. *Journal of Southwest Jiaotong University, 56*(5), 538-551, 10.35741/issn.0258-2724.56.5.49 |
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| 2021 | What can we take from the pandemic to the future of Education? *Bulletin of the Technical Committee on Learning Technology. 21*(3), 13-14. |
| 2021 | Best Practices of School Teachers to Sustain Their Students Learning During Crisis. *Journal of Southwest Jiaotong University, 56*(4), 44-55. |
| 2021 | An Evaluation of Archaeological Fieldwork Training at Palestinian Universities. *Turkish Online Journal of Qualitative Inquiry,* 12(10), 116-133. |
| 2021 | Virtualization of Higher Education during COVID-19: A Successful Case Study in Palestine. *Sustainability.* 13(12), 65-83, https://doi.org/10.3390/su13126583. |
| 2021 | The Motives and Challenges of developing and delivering MOOCs courses. *Education in the Knowledge Society (EKS).* [https: <https://doi.org/10.14201/eks.23904>](https://doi.org/10.14201/eks.23915) |
| 2021 | Students' Characteristics Influence Readiness to Use Mobile Technology in Higher Education. *Education in the Knowledge Society (EKS).* <https://doi.org/10.14201/eks.23915> |
| 2021 | Khan, B. H., Affouneh, S., Hussein Salha, S., & Najee Khlaif, Z. (Eds.). (2021). *Challenges and Opportunities for the Global Implementation of E-Learning Frameworks*. IGI Global. http://doi:10.4018/978-1-7998-7607-6 |
| 2021 | The Bright and Dark Sides of Online Learning in Palestine During the Pandemic. In B. Khan, S. Affouneh, S. Hussein Salha, & Z. Najee Khlaif (Ed.), *Challenges and Opportunities for the Global Implementation of E-Learning Frameworks* (pp. 24-34). IGI Global. http://doi:10.4018/978-1-7998-7607-6.ch00 |
| 2021 | * Using TikTok in Education: A Form of Micro-learning or Nano-learning?. *Interdisciplinary Journal of Virtual Learning in Medical Sciences*. 12(3):213-218. [10.30476/IJVLMS.2021.90211.1087](https://dx.doi.org/10.30476/ijvlms.2021.90211.1087) |
| 2021 | * Emergency remote learning during COVID-19 crisis: Students’ engagement. *Educ Inf Technol*. https://doi.org/10.1007/s10639-021-10566-4 |
| 2021 | * The Hidden Shadow of Coronavirus on Education in Developing Countries, *Online Learning Journal*, 25(1), 269-285, https://doi.org/10.24059/olj.v25i1.2287 |
| 2021 | * The Covid-19 epidemic: teachers’ responses to school closure in developing countries, *Technology, Pedagogy and Education*, 30(1), 95-109, <https://doi.org/10.1080/1475939X.2020.1851752>. |
| 2021 | IRT analyses of Arabic letter knowledge in Kindergarten, *Reading and Writing,* 3(34), 791-816. DOI: <https://doi.org/10.1007/s11145-020-10086-6>. |
| 2021 | Evaluation of the Mathematics Textbook for the Second Grade from the Point of View of Teachers and Educational Supervisors in Palestine, *Journal of Al-Quds Open University for Educational & Psychological Research & Studies*. 12(33), pp. 13-26 |
| 2021 | Analysis of technology textbook for the tenth grade in Palestine according to the Standards for Technological Literacy, *An-Najah Journal of Humanities*, 35(1), 53-88. |
| 2020 | The level of students' attitudes toward distance learning mathematics in Tulkarm Governorate (Corona Crisis: A Case Study), *Palestine University Journal for research and studies*, 2(8), 76-97. |
| 2020 | Students' Readiness to Succeed and Persist in Their University Study, *Universal Journal of Educational Research,* 8(12), 6908-6918, DOI: 10.13189/ujer.2020.081257 |
| 2020 | Quality of Pre-school Learning Environment in Palestine. Universal Journal of Educational Research, 8(8), 3310 - 3322. DOI: 10.13189/ujer.2020.0x0x0x. |
| 2020 | The Effect of Teaching Geometry Unit Using Mathematics Laboratory on Achievement and Motivation Towards Mathematics Learning Among Sixth Graders in Schools of Tulkarem District, *Al-Isteqlal University Journal of Research*, 4(2), 50-72. |
| 2020 | Factors that foster and deter STEM professional development among teachers. *Science Education*, 104, 857-872, https://doi.org/10.1002/sce.21591. |
| 2020 | The Unanticipated Educational Challenges of Developing Countries in Covid-19 Crisis: A Brief Report, *Interdisciplinary Journal of Virtual Learning in Medical Sciences***,** 11(2), 130-134.10.30476/ijvlms.2020.86119.1034 |
| 2020 | Designing Quality E-Learning Environments for Emergency Remote Teaching in Coronavirus Crisis. *Interdisciplinary Journal of Virtual Learning in Medical Sciences*. 11(2):1-3. 10.30476/IJVLMS.2020.86120.1033 |
| 2020 | Efficacy of A Mathematical modeling-based Program InvolvesApplications of (Interactive Computer - Augmented Reality)And Its Role In Developing Spatial Sense Among Sixth GradeMathematics Students In Palestine. *International Journal of Internet Education*, 18(2), 1-54. |
| 2020 | The Popularity of the First Grade Students’ Pronunciation Errors in the Governmental and Private Schools in Nablus Governorate from the Teachers' point of view. ***International Journal of Educational and Psychological Studies***, 2(8), 10-40. |
| 2020 | Developing Mathematical Proficiency Strands Among Sixth grade students in Palestine Using Mathematical Modeling based on applications (Interactive Computer - Augmented Reality), *International Journal of Internet Education*, 65-128. |
| 2020 | Analytical Study of Palestinian Mathematics Olympiad Results 2014 for First Scientific Secondary Grade Students, *Al-Isteqlal University Journal of Research*, 4(1), 241-262. |
| 2019 | The Effect of “ Daniel’s Model ” on Seventh Grade Female Students Achievement and Tendency Towards Mathematics in the Governmental Schools in Tulkarm Governorate. *Dirasat: Educational Sciences*, 46(4), 241-256. |
| 2019 | Palestinian Perspective in Digitalization of Teacher Professional Development (TPD), *Comenius Journal*, 41-43. |
| 2019 | Living under occupation: Palestinian teachers’ experiences and their digital responses, *Research in Learning Technology*, 27, 1-18. |
| 2019 | The Role of Palestinian Universities in Confronting the Spread of the Phenomena of Violence and Extremist Ideas, *Al-Isteqlal University Journal of Research*, 2(2), 43-78. |
| 2019 | The Effectiveness of Using Science, Technology, Engineering, and Mathematics (STEM) Approach on the Achievement of Students of the Tenth Grade in Mathematics, *Journal of Al-Quds Open University for Educational & Psychological Research & Studies*. 10(28), pp. 101-113 |
| 2019 | The Impact of Using Driver Model in Acquitting Mathematical Concepts and Their Tendency Towards Mathematics Learning Among Fifth grades Students in Public Schools at Nablus Directorate. *An-Najah Journal of Humanities*, 33(4), 623-652. |
| 2018 | Schoolyards’ Design and Students’ Needs from Gender Perspective: The Case of Palestine. *International Journal of Architectural Research*, 12(2), 281-306. |
| 2018 | An Interdisciplinary Approach in the Art Education Basic Sixth impact on Creative Thinking & Motivation Among it's Curriculum and Graders Students in Salfit District. *An-Najah Journal of Humanities*, 32(1), 107-144. |
| 2017 | The Effect of the Cubing Strategy in the Achievement of the Basic Seventh Grade Students in Mathematics in Qalqilya Governorate and their Attitudes Towards it's learning. *An-Najah Journal of Humanities*, 31(10), 1707-1744. |
| 2016 | Environmental and health effects of Gishoori industrial zone. Joint project funded by Belgium government (Main research and statistical analyst) |
| 2016 | The Effectiveness of Adobe Flash Program on the Achievement of Sixth Graders in Technology and their Attitudes at the Governmental Schools of Nablus City, *An-Najah Journal of Humanities*, 30 (11), 2231-2264. |
| 2016 | Users satisfaction about school building. MoE & BTC (Main researcher). |
| 2014 | Evaluation of AN-Najah National University experience in using Moodle on in-service teacher’s rehabilitation program, *Hebron University Journal*, 9(2), 95-117. |
| 2014 | The Effect of Educational Program Supported with Illuminations on Mathematical Problem Solving and Spatial Ability of Seventh Grade Students in Palestine, *An-Najah Journal of Humanities*, 28 (12), 2697-2732. |
| 2014 | The Effect of Using GeoGebra Software on Mathematical Problem Solving and Mathematical Anxiety among High Basic Stage Students.*An-Najah Journal of Humanities*, 28 (11), 2473-2492. |
| 2013 | "The Role of Palestinians Universities in Facing Cultural & Educational Normalization - Proposed Vision", *Journal of the Third Educational Conference*. A refereed Special Edition. |
| 2013 | "Self-security- A comparison between two curriculums". Universities role in achieving self-security", *Journal of the Second Educational Conference*. A refereed Special Edition, pp 430-445. |
| 2010 | "National Study of Undergraduate Teaching Practices in Palestine"- A published study – OSI (PFDP)&AMIDEAST. Link at Portland State University [www.pdx.edu/.../Cristillo.%20Pal%20HiEd%20Report%20(full).pd](http://www.pdx.edu/.../Cristillo.%20Pal%20HiEd%20Report%20(full).pd)f, pp 1-148.United States Agency for International Development Cooperative Agreement No. 294-A-00-05-00234-00.  Arabic copy link at <http://ksu.edu.sa/sites/KSUArabic/Research/ncys/Documents/r414.pdf>, pp 1-166. |
| 2000 | “Patterns in Mathematics Content “Working paper presented at the Third International Conference for Mathematical Sciences. Bethlehem University, Palestine. |
| 1998 | “Mental Math Strategies “Working paper presented at the Second International Conference for Mathematical Sciences. BirZeit University, Palestine. |
| **Ongoing Research:** | The degree of Practicing Authentic Assessment Among Math Teachers in Nablus district. |
|  | Heath Practices Among disabled students in Palestine.  The Level of Mathematical Problem Solving among Scientific First Secondary Students in Nablus District. |

**Projects and proposals:**

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| April, 2022 | World Bank: writing a proposal of joint project: Improving quality of Early childhood educators (won). |
| August, 2021 | Erasmus+ : Portable Video Conferencing Toolkits and Online Applications for Engaging Learning Experience Design in Higher Education Classroom (Edvicon) (won) |
| March, 2020 | Erasmus+: SPHERE: Technical Assistant Mission, writing a proposal of Digital literacy (won). |
| Feb., 2020 | Erasmus+: writing a proposal of joint project: Building capacity of Early childhood practitioners. |
| Jan. 2020 | Erasmus+ project and exchange visits : Childhood policy and trends – Norway : Stavanger University |
| 2018-2019 | World Bank project : Coordinator, qualifying in-service teachers of grades (1-4) |
| 2018-2019 | World Bank project : Coordinator, practicum for preservice teachers of grades (1-4) |
| July, 2019 | Global Challenges project – UK: Canterbury Christ Church University. |
| April, 2019 | Erasmus+ project and exchange visits : design of Childhood programs – Norway : Stavanger University |
| July, 2018 | Erasmus+: Fourth Dialogue of Higher Education Policies. Belgium: Brussels. |
| Oct. 2017 | Erasmus+ project Open Med : Italy : Torino |
| Jan. 2017 | World Bank project - Developing Modules for teachers of grades (1-4)- UK : Canterbury Christ Church University. |
| Jan, 2016 | Tempus project: Capacity Building, Egypt: American University. |
| June, 2015 | Tempus project: Practicum, Professional development and Action Research, Jordan. |
| April, 2014 | Tempus project : Professional development, Egypt, University of Alexandria |
| Dec, 2013 | Tempus project : Action Research, Malta, University of Malta |
| May, 2013 | Tempus project : Professional development, UK, Institute of London |

**Committees / Teams**:

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| 2023 | Member, The technical Committee of The 5 international Conference on Computer Science and Technologies in Education (CSTE), Xi’an-China. |
| 2022 | Coordinator and focal point, Early childhood project. An-Najah National University. World Bank project |
| 2021 | Coordinator, Inclusive education program. An-Najah National University. |
| 2014-2018 | Coordinator, Math team of grades (1-4) at NIET-Moe. |
| 2014-2018 | Coordinator, Across Curriculum team of grades (1-4) at NIET-Moe. |
| 2019 | Member, Ministerial committee for curriculum review. |
| 2015 | Coordinator, PFDP National Policy Roundtables on Funding as a Strategic Tool in Palestinian Higher Education, University Admissions' Criteria in Palestine: Beyond the Tawjihi and Improving Foreign Degree Certification and Recognition. |
| 2003-Present | Dept. member, Dept. of Teaching Methods. |
| 2009-2010 | Member of Employees Union at An-Najah National University. |
| 2009 | Team member of Educational Technology Center Project (ETC), Funded by World Bank and EU. |
| 2009 | Team member of (Model School Network Project) Administered by AMIDEAST, Funded by PFDP |
| 2009 | Team member of (Teaching Practices in Palestinian Higher Education Project) Administered by AMIDEAST, Funded by PFDP |
| 2009 | Team member of (Mothers Capacity Building), Project Funded by Welfare Foundation. |
| 2008 | Team member of (Rehabilitation of Kindergarten teachers Project) Funded by Near East Foundation. |
| 2007-2008 | ICT Focal point, Support to Palestinian Educational Program (SPEP) funded by Italian government. |
| 2004-2005 | Member, Comprehensive Exam Committee, College of Graduate Studies. An-Najah National University |
| 2005 | Committee member, Authorship of 12th grade Mathematics textbook (Literary Stream) |
| 2005 | Council member, College of Educational Sciences, An-Najah National University |
| 2005 | Committee member, Self-Evaluation of Elementary Education Dept. |
| 2005 | Committee member, Development of Teaching Methods Dept. |
| 2003 | Committee member, Preparation of training material for 9th grade mathematics textbook. |
| 2002 | Coordinator, 9th grade Mathematics textbook, Palestinian Curriculum Development Center, Ramallah |
| 2002 | Coordinator, 4th grade Mathematics textbook, Palestinian Curriculum Development Center, Ramallah |
| 2002 | Coordinator, Teacher’s Guide for 9th grade Physical Education , Palestinian Curriculum Development Center, Ramallah |
| 2002 | Coordinator, Teacher’s Guide for 4th grade Physical Education , Palestinian Curriculum Development Center, Ramallah |
| 1998-2001 | Member, Educational Administration Development Committee, Ministry of Education. |
| 1998-2001 | Member, Administrative Analysis Committee, Ministry of Education. UNESCO project. |
| 2001 | Coordinator, 8th grade Mathematics textbook, Palestinian Curriculum Development Center, Ramallah |
| 2001 | Coordinator, 3rd grade Mathematics textbook, Palestinian Curriculum Development Center, Ramallah |
| 2001 | Coordinator, Teacher’s Guide for 8th grade Physical Education, Palestinian Curriculum Development Center, Ramallah |
| 2001 | Coordinator, Teacher’s Guide for 3rd grade Physical Education, Palestinian Curriculum Development Center, Ramallah |
| 1998-2000 | Representative, National Team for Mathematics Curriculum, Ministry of Education. |
| 1998-2000 | Representative, National Team for Physical Education Curriculum, Ministry of Education. |
| 1998-2000 | Representative, National Team for Free Activity Curriculum, Ministry of Education. |
| 2000 | Member, Testing Committee in Mathematics for 10th grade, Finnish – Palestinian Educational Project. |
| 2000 | Coordinator, 7th grade Mathematics textbook, Palestinian Curriculum Development Center, Ramallah |
| 2000 | Coordinator, 2nd grade Mathematics textbook, Palestinian Curriculum Development Center, Ramallah |
| 2000 | Committee member, Preparation of training material for 6th grade mathematics textbook. |
| 2000 | Coordinator, Teacher’s Guide for 7th grade Physical Education, Palestinian Curriculum Development Center, Ramallah |
| 2000 | Coordinator, Teacher’s Guide for 2nd grade Physical Education, Palestinian Curriculum Development Center, Ramallah |
| 1999 | Member, Testing Committee in Mathematics for 8th grade, Finnish – Palestinian Educational Project. |
| 1999 | Coordinator, 6th grade Mathematics textbook, Palestinian Curriculum Development Center, Ramallah |
| 1999 | Coordinator, 1st grade Mathematics textbook, Palestinian Curriculum Development Center, Ramallah |
| 1999 | Coordinator, Teacher’s Guide for 6th grade Physical Education , Palestinian Curriculum Development Center, Ramallah |
| 1999 | Coordinator, Teacher’s Guide for 1st grade Physical Education , Palestinian Curriculum Development Center, Ramallah |
| 1998 | Member, Testing Committee in Mathematics for 6th grade, Finnish – Palestinian Educational Project. |

**Editor:**

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| 2011 | Scientific editor, 5th grade Saudi mathematics help textbook, |
| 2011 | Scientific editor, 4th grade Saudi mathematics help textbook, |
| 2005 | Scientific editor, 11th grade mathematics textbook, (Scientific stream) |
| 2005 | Scientific editor, 11th grade mathematics textbook, (Literary stream) |
| 2005 | Scientific editor, 11th grade Financial Mathematics and Banking Sciences textbook, (Literary stream). |

**Awards:**

* 2018: First creative scientific research (Al- Al-Isteqlal University).
* 2019: The Achievement and Excellence Award for Education Support.
* 2021: Research quality (Impact factor).
* 2021: Excellence in E-learning.
* 2022: Research quality (Impact factor).
* 2023: Research quality (Impact factor) and research production.

**Co – Author (National Publications):**

* Mathematics textbook for grade 12 (Literary Stream).
* Mathematics textbook for grade 9.
* Mathematics textbook for grade 8.
* Mathematics textbook for grade 7.
* Mathematics textbook for grade 6.
* Mathematics textbook for grade 4.
* Mathematics textbook for grade 3.
* Mathematics textbook for grade 2.

**Other Publications:**

* Saudi math help textbooks grade 1.
* Saudi math help textbooks grade 2.
* Saudi math help textbooks grade 3.

**Courses, Workshops and Conferences:**

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| October, 2023 | Using Artificial Intelligence in Moodle. Training course held by E-learning center of An-Najah National University. |
| Jan 28-Feb. 4, 2023 | Flipped classroom, design and implementation. Workshop held by AUF in Lebanon. |
| May 28-June. 14, 2022 | TVET sector and digitalization. Training course in France and Belgium. |
| February 25-27, 2022 | The Impact of COVID-19 on Working Women in Palestine. The 3rd Global Conference on Women's Studies. Rotterdam - Netherlands |
| December 18-19,2021 | Digital empowering undergraduate students with vision disability: A case study. International conference on ICT in Education and Training. Democratic Arabic Center. |
| July 13-17, 2021 | Within and cross-language contributions of rapid automatized naming to reading fluency in young adults. Poster presentation at SSSR, Society for the Scientific Study of Reading, Virtual-due to COVID-19. (International |
| March 30-31, 2021 | Entrepreneur Prospect of Higher Education Systems in Arab World, Zarqa and An-Najah Universities. |
| Jan 12-19, 2020 | “Early Childhood programs design and implementation" University of Stavanger, Norway. |
| July 11-18, 2019 | " Training course in Qualitative Research" Canterbury Church Christ University, UK |
| April 28-June 4, 2019 | "Training course in Early Childhood programs" University of Stavanger, Norway. |
| Oct 16-18, 2018 | “Creativity of Education “Conference held by Islamic University, Lebanon. |
| Sep. 7-9, 2018 | “TOT in Respecting Diversity Course” Palestinian Child Center & Early Years Organization- Northern Ireland. |
| July. 9-10, 2018 | “Fourth Dialogue of Higher Education Policies- European commission – Brussels, Belgium. |
| April,22 – May 22, 2018 | “Scientific research skills for leaders. National school of Administration " |
| Sep. 23- Oct. 1, 2017 | " Training workshop to Torino Polytechnic Institute- Open Med project" |
| July 6- August. 4, 2017 | “Measurement and Evaluation in technical and vocational education – Ministry of Higher Education ". |
| Jan. 18- Jan 26, 2017 | “Study visit to Canterbury Church Christ University – Developing Modules for teachers of grades (1-4). |
| Jan.22 – Jan 24, 2016 | "An-Najah University – case study within Tempus project" American University - Cairo |
| June.8-June 10, 2015 | "Practicum, Professional development and Action Research course- Palestinian case study " held in Amman- Tempus project |
| March 30, 2014 | "The Effect of Using Moodle on the Students Achievement of Teaching Math Course at An-Najah National University", **The International Conference for Learning and Teaching in the ‎Digital World was held in An-Najah National University, Peer Review Conference.** |
| April.24-April 31, 2014 | "Practicum, Professional development and Action Research course- Palestinian case study " held in University of Alexandria- Tempus project |
| Nov.23-Dec 3, 2013 | "Practicum and Action Research course " held in the University of Malta- Tempus project |
| April 24-May 2, 2013 | "Practicum, Action Research and Professional Development course " held in the Institute of London - Tempus project |
| Dec 26, 2012 | “Palestinian Students achievement in TIMSS" Workshop held in An-Najah University, Nablus. |
| Jan 9-14, 2012 | "Creative Pedagogy" Workshop held in An-Najah University, Nablus. |
| August 10, 2009 | "First National Conference in Higher Education" Conference held in Grand Park. |
| July 23-24, 2009 | "Teaching Practices in Palestinian Higher Education” Conference held in An-Najah University. |
| April 4, 2009 | "School Administration” Workshop held at An-Najah National University. |
| Sep 22-Oct 6, 2007 | “Using ICT in Education “a Training course in the University of Bologna – Italy. |
| April 10- July 30, 2006 | “ Writing and Conversation “sponsored by Amideast & PFDP, Nablus |
| May 27-28, 2006 | “ Presentation Skills “sponsored by Amideast & PFDP, Nablus |
| May 25-26,2006 | “ Communication Skills “sponsored by Amideast& PFDP, Nablus |
| April 20-22, 2006 | “ Public Speaking “ sponsored by Amideast& PFDP, Nablus |
| July 22-23, 1999 | “ Life Skill Education “ sponsored by Ministry of Education, Ramallah |
| Feb. 18-22, 1998 | “ National Evaluation: Aims and Mechanisms “sponsored by Ministry of Education, Ramallah |
| Jan. 12-20, 1998 | “Development of Educational Administration “a course organized by the Ministry of Education. Ramallah |
| Oct. 19-22, 1997 | “Towards strategy of Integrating concepts of Human Right in Palestinian Curricula. |
| Nov. 7,1998 | “ Educational Statistics for 1998 “ Workshop organized by the Central Bureau of Statistics, Ramallah, Palestine |
| Aug. 1996 | “ Production and Manufacturing Audio-Visual Aids “ a course held in Gaza |

**Courses taught:**

* Methods of Teaching Mathematics at the Secondary School.
* Methods of Teaching Mathematics at the Middle School.
* Trends and Issues in Mathematics Education.
* Practicum for Mathematics students.
* Methods of Teaching Mathematics at the Elementary School I.
* Methods of Teaching Mathematics at the Elementary School II.
* Active Learning.
* Action research for teachers of grades (1-4).
* Action research for students teachers,
* Introduction to Curricula.
* Computer in Education.
* Learning Thinking Skills.
* Descriptive Statistics
* Statistics Methods with computer.
* statistical Analysis.
* Methodology and Research.
* Statistics and Research.
* Designing and producing educational media for Humanities.
* Designing and producing educational media for Science.
* Designing and producing educational media
* Practicum for Technology students.
* Practicum for Elementary grades.
* Educational Supervision.
* Theory & Research in Curriculum “ Master course “
* Theory & Research in Instruction “ Master course “
* Mathematics Learning & Nature “Master course “.
* Curriculum Evaluation. “Master course ".
* Current Trends and Issues in Curriculum. “Master course ".
* Curriculum development & design. “Master course ".
* Mathematics curriculum evaluation. “Master course ".
* Assessment of math teaching. “Master course ".
* Analytical study of Math curriculum.” Master course ".
* Computer in Education. “Master course ".
* Current Trends and Issues in Math Education. “Master course ".
* Seminar in M.A theses. “Master course “.
* Advanced course in evaluation and assessment. “ Ph. D course “
* Teachers’ preparation and rehabilitation. “ Ph. D course “
* Goals taxonomies and needs assessment. “ Ph. D course “
* Creativity in Childhood.
* Partnership and communication " Teacher Education course "
* Production of Instructional Media “Teacher Education course ".
* Mathematics Module for teachers of grades (1-4) "Teacher Education course".
* Integration Module for teachers of grades (1-4) "Teacher Education course".

**Supervision:**

**Ph.D level:**

1. Perceptions and Attitudes of Pre-school Teachers towards Gifted Children and Their Education in Palestine. Near East University (2022).
2. Developing mathematical proficiency and spatial sense among sixth grade students in Palestine through using mathematical modeling based on the applications of interactive computing and augmented reality. Cairo University (2020).
3. A proposed strategic plan to activate the partnership between Palestinian Universities and local civil organizations in the light of quality standards. Azhar University (2018).

**M.A level:**

1. The Effect of Using Sketchpad software on the Achievement and Mathematical Self Concept among Ninth Grade Students at the District of Nablus.
2. The Effect of Using Cabri 3D software on the Achievement and the Motivation Toward Geometry Learning among Eighth Grade Students at the District of the South of Nablus.
3. The Effect of Teaching Geometry Unit Using Macromedia Flash on Fifth Graders Achievement and Their Attitudes Towards Mathematics Learning in the Governmental Schools in Nablus City.
4. The Effect of Using Mathematical Modeling Strategy on Comprehending Mathematical Concepts and Problem Solving Among the Seventh Graders in Measurement Unit.
5. The Effectiveness of Adobe Flash Program on the Achievement of Sixth Graders in Technology and Their Attitudes Towards it at the Governmental Schools of Nablus City
6. The Effect of Teaching Geometry Unit Using Mathematics Laboratory on Achievement and Motivation Towards Mathematics Learning Among Sixth Graders in Schools of Tulkarem District.
7. The Effectiveness of a proposed program in fractal geometry in development the spatial ability and teaching Performance for mathematics teachers of upper Primary Stage in Nablus.
8. The Effect of Instructional Program Based on Mathematical Power on Achievement and Mathematical Thinking Among Seventh Grade Students in Nablus Governorate.
9. The Effect of the Cubing Strategy in the Achievement of the Basic Seventh Grade Students in Mathematics in Qalqilya Governorate and their Attitudes Towards it's learning.
10. Evaluation of Technology Teacher Education Program in the Palestinian Universities in the Light of NCATE Standards: An – Najah National University and Palestine Technical University.
11. The Effect of Teaching by Using the Multimedia on the Academic Achievement in the Field of TV Advertising for Students of the Faculty of Media in An-Najah National University
12. The impact of using problem solving strategy in the development of intellectual security among tenth grade students in Tulkarem.
13. Christian Education Curriculum Evaluation from Basic Stage Teacher's Perspective in West Bank & Jerusalem Schools
14. Effectiveness of a Computerized Software in Teaching Chemical reactions on the Achievement of the Ninth Grade Students in UNRWA Schools and Their Attitudes Toward Science learning
15. The Effect of employing computerized program on the Achievement of Eighth Grade Students' in the Unite of Optics and their Attitudes toward Science Learning in Tubas District.
16. The Extant of Satisfaction of Faculty Members on Training and Technical Support Provided by the E-learning Center at An-Najah National University.
17. The evaluation of advanced technology curriculum for the seventh grade from teachers and Educational supervisors perspective
18. The Effect of a Program Supported with Stories on the Achievement of Tenth Grade students in Genetics Unit and their Motivation Towards its Learning

**Skills**:

I have good experience in report and proposal, research writing and design.

I have good command of computer skills: Word, Excel, PowerPoint, Corel Draw, Internet, SPSS, Minitab, Matlab, Maple, Mathematica, MultiLog and Comprehensive Meta Analysis (CMA).

**Languages:**

Arabic: Native speaker

English: good in four skills

Hebrew: good proficiency in four skills.