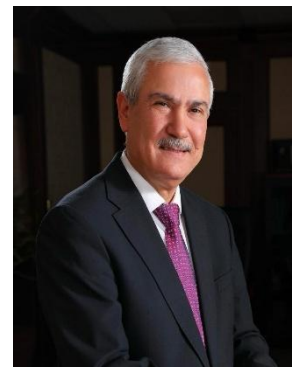


**CURRICULUM VITAE**  
***Prof. Mashoor Al-Refai***



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## CURRICULUM VITAE

### 1. Personal Data

<b>Name</b>	Mashhooor A. Al-Refai	<b>Date of Birth</b>	November 2, 1959
<b>Position</b>	Professor of Mathematics	<b>Place of Birth</b>	Al'Al, Irbid, Jordan
<b>Address</b>	The Higher Council for Science and Technology (HCST).  Amman - Jordan  Mobile: (962) 777393902  m.refai@hcst.gov.jo	<b>Nationality</b>	Jordanian

### 2. Administrative Positions

Oct 2023-Present	Secretary General of The Higher Council for Science and Technology (HCST).
Aug 2022-present	Academic Advisor for HRH Princess Sumaya bint El Hassan, Chairperson of the Board of Trustees, PSUT.
Aug 2014-Aug 2022	President of Princess Sumaya University for Technology, Amman-Jordan.
Sep 2010-Aug 2014	Vice-President for Academic Affairs, Princess Sumaya University for Technology, Amman-Jordan.  Acting President on several occasions, including the summer of 2012 throughout my term as Vice President.
Aug 2006-Sep 2010	Vice-President for Academic Affairs, Yarmouk University, Irbid-Jordan  Acting President on several occasions throughout my term as Vice President.

Sep 2002-Aug 2006	Founding Dean, Faculty of Information Technology and Computer Sciences, Yarmouk University, Irbid-Jordan.
Oct 1998-Sep 2002	Vice Dean, Faculty of Science, Yarmouk University, Irbid-Jordan.
Sep 1997-Sep 1998	Chairman, Department of Mathematics and Computer Science, United Arab Emirates University (U.A.E).
Sep 1993-Sep 1995	Chairman, Department of Mathematics, Yarmouk University, Irbid-Jordan.

### 3. Academic Qualifications

Degree	Specialization	Language of Instruction	Institute	Date of Graduation
Ph.D.	Algebraic Topology	English	Colorado State University	May 1989
M.Sc.	Mathematics	English	University of Illinois at Urbana-Champaign	May 1985
B.Sc.	Mathematics	English	Yarmouk University	January 1981
Title of Ph.D. Thesis: Group Actions on Finite CW-Complexes				

#### 4. Professional Experience

Date	Position	Place of Work
9/2010 – Present	Professor	Princess Sumaya University for Technology
12/1999 – 9/2010	Professor	Yarmouk University
9/1998 – 12/1999	Associate Professor	Yarmouk University
9/1995 – 8/1998	Associate Professor	United Arab Emirates University
10/1993 – 9/1995	Associate Professor	Yarmouk University
5/1989 – 10/1993	Assistant Professor	Yarmouk University
3/1989 – 5/1989	Instructor	Yarmouk University
8/1986 – 3/1989	Teaching Assistant	Colorado State University
1/1988 – 6/1988	Computer Lab Advisor	Oklahoma State University
8/1984 – 5/1985	Teaching Assistant	University of Illinois at Urbana-Champaign
1/1983 – 6/1983	Part-Time Instructor	Yarmouk University

#### 5. Academic Honors and Scholarships

<ul style="list-style-type: none"><li>● Abdul Hameed Shoman Award for the best Young Arab Scientist in Mathematics, Statistics and Computer Science, 1993.</li></ul>
<ul style="list-style-type: none"><li>● Winner of the "Best Instructor" award from Uninettuno University (The Euro-Mediterranean Open Sky University), Italy, 2005.</li></ul>
<ul style="list-style-type: none"><li>● The German Academic Exchange Service (DAAD) grant, summer 1995 (University of Stuttgart).</li></ul>
<ul style="list-style-type: none"><li>● Awarded an Individual Mobility Grant from TEMPUS to work for a joint European project, Sept.2005 (University of Sunderland/ England).</li></ul>

<ul style="list-style-type: none"> <li>• A scholarship from Yarmouk University to obtain a M.Sc. in Mathematics from the University of Illinois at Urbana-Champaign.</li> </ul>
<ul style="list-style-type: none"> <li>• A scholarship from Yarmouk University to obtain a Ph.D. in Mathematics from Colorado State University.</li> </ul>
<ul style="list-style-type: none"> <li>• Teaching Assistantship from Colorado State University from 8/1996 until 3/1989 (one semester leave at Oklahoma State University).</li> </ul>
<ul style="list-style-type: none"> <li>• Teaching Assistantship from Oklahoma State University for the spring semester, 1988.</li> </ul>
<ul style="list-style-type: none"> <li>• Teaching Assistantship from University of Illinois at Urbana-Champaign for the academic year 1984/1985.</li> </ul>
<ul style="list-style-type: none"> <li>• A medal from the President of Yarmouk University of being second in my graduation class.</li> </ul>

## 6. Research Experience

Group Actions on finite CW-Complexes, Graded rings and Graded Modules, Graded Radicals and Graded prime spectra and applications to topology.

## 7. Grants and External Support

<ul style="list-style-type: none"> <li>• Coordinator for the Tempus Project, “Exporting Master Program in Enterprise Systems Engineering (ESE) to Jordan, Syria, Tunisia, and Egypt” at Princess Sumaya University for Technology, worth € 96,000/-</li> </ul>
<ul style="list-style-type: none"> <li>• Legal representative for many Tempus &amp; Erasmus Plus projects, such as TEJ, RISE, UNAM, and MEDAWEL, MedITec, WaSec, MEDDACR, and other projects between the years 2010 and 2022, total worth € 649,000/-</li> </ul>
<ul style="list-style-type: none"> <li>• Served as member at steering committees for many projects such as Orange-Incubator with ISF, ENI-Project, and IPMED, worth USD 500,000/-</li> </ul>

<ul style="list-style-type: none"> <li>● Scientific and research member with MedITec and JEAR-Net projects with the Higher Council of Science and Technology, as well as in the ELEGANT Erasmus Plus project, worth € 460,000/-</li> </ul>
<ul style="list-style-type: none"> <li>● Awarded an Individual Mobility Grant (IMG) from TEMPUS for a visit to the University of Sunderland that took place in September 2005. During the visit, I worked on a joint European project under the TEMPUS framework in order to update and introduce IT curricula.</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in the preparation of projects to the world bank and later supervised the committee for writing equipment specifications for a parallel computing lab and a multimedia lab established by a grant from the World Bank totaling over USD 240,000/-, through the Higher Education Development fund.</li> </ul>
<ul style="list-style-type: none"> <li>● Supervised the smooth operation of the Parallel Computing Center, an entrepreneurial project funded by the World Bank, Yarmouk University, and Middle East Communications, worth USD 190,000/-</li> </ul>
<ul style="list-style-type: none"> <li>● Supervised the joint agreement between Yarmouk University and Sunderland University in UK to offer an MSc degree in computer-based Information Systems and Information Technology Management.</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in the Mediterranean Network (Med Net'U) for a unified distance learning university project sponsored by European Community grants through the Didactic Committee. Under this program, I recorded a few undergraduate courses in Italy.</li> </ul>
<ul style="list-style-type: none"> <li>● Worked on the preparation of a joint project between Yarmouk University in Jordan, and the InHolland and Delft Universities in the Netherlands, to train school teachers in the use of ICT in education. Also followed up on the paperwork necessary to obtain approval from relevant government authorities for this project.</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in a joint European project regarding the update and upgrade of the MSc programmes offered by the Faculty of IT in the framework of the Tempus projects.</li> </ul>
<ul style="list-style-type: none"> <li>● Reviewing proposals submitted by Jordanian public universities to the World Bank Projects.</li> </ul>

## 8. IT Related Experience

<ul style="list-style-type: none"> <li>Coordinator for the Tempus Project, “Exporting Master Program in Enterprise Systems Engineering to Jordan, Syria, Tunisia, and Egypt” .</li> </ul>
<ul style="list-style-type: none"> <li>Chair of the ABET (Accreditation Board for Engineering and Technology) Committee for Computer Science and Engineering at Princess Sumaya University for Technology, Amman, Jordan (2010-2014). The university received accreditation in 2013 for four bachelor’s degree programs.</li> </ul>
<ul style="list-style-type: none"> <li>Tutor and coordinator for the joint project between Yarmouk University, InHolland and Delft Universities in the Netherlands under the umbrella of CADER to train school teachers in the usage of ICT in education</li> </ul>
<ul style="list-style-type: none"> <li>Gitex Expo 2009 (Computer exhibition), Dubai, UAE (Oct 17-21, 2009)</li> </ul>
<ul style="list-style-type: none"> <li>Gitex Expo 2008 (Computer exhibition), Dubai, UAE (Oct 20-24, 2008)</li> </ul>
<ul style="list-style-type: none"> <li>Microsoft Academic Days, Tunisia (Feb 26 – Mar 1, 2007)</li> </ul>
<ul style="list-style-type: none"> <li>Gitex Expo 2006 (Computer exhibition), Dubai, UAE (Nov 18-21, 2006)</li> </ul>
<ul style="list-style-type: none"> <li>Member of a Defense Exam Committee for M.Sc. theses in Computer Science at University of Jordan</li> </ul>
<ul style="list-style-type: none"> <li>Catania 3 (Euro-Mediterranean Space for Higher Education and Research), Catania, Italy (Jan.27-29, 2006)</li> </ul>
<ul style="list-style-type: none"> <li>The Didactic Technological Committee meeting for the Med Net'U project, Turin, Italy (Dec. 11-14, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>The Future of ICT in Higher Education (Finding Common ground for Intervention), Amman, (Dec.1-3, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>Launching the Application Life Cycle Management Lab, University of Petra, Jordan (Nov.30,2005)</li> </ul>
<ul style="list-style-type: none"> <li>Attended a meeting with Bill Gates (Chairman of Microsoft), Dead Sea, Jordan (Oct. 26, 2005)</li> </ul>

<ul style="list-style-type: none"> <li>● Workshop on the "Open Sky Europe Project" delegation of the European Commission, Amman, Jordan (Oct.25, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● Attended the 1<sup>st</sup> EUMEDIS International Conference "Closing the Digital Gap in the Mediterranean Region", Dead Sea Resort, Jordan (April 17-18, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● Workshop on "Towards the E-University" sponsored by the Ministry of Higher Education and Scientific Research, University of Jordan, Amman, Jordan (April 2, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● Workshop on Oracle <i>i</i>-Learning and Oracle collaboration suite organized by Oracle, Yarmouk University, Jordan (November 27, 2004)</li> </ul>
<ul style="list-style-type: none"> <li>● Parallel Computing Center coordinator</li> </ul>
<ul style="list-style-type: none"> <li>● Business Automation Seminar Series II, Amman, (April 3, 2004)</li> </ul>
<ul style="list-style-type: none"> <li>● Attended the Didactic Technological Committee meeting for the MED NET U project, Paris, France (January 27-28, 2004)</li> </ul>
<ul style="list-style-type: none"> <li>● Chairman of the committee for developing and authoring Computer Science books for the Yarmouk University Model School (all levels)</li> </ul>
<ul style="list-style-type: none"> <li>● Developed, designed and regularly revised the university placement exam in Computer Science</li> </ul>
<ul style="list-style-type: none"> <li>● Workshop on Microsoft Research Net Crash Course 2003, conducted by Microsoft Research, Cambridge, UK (June 21-23, 2003), Dubai, UAE</li> </ul>
<ul style="list-style-type: none"> <li>● Symposium on "Get Connected UK Jordan IT initiative" (several meetings in 2003) organized by the British Council, Amman, Jordan</li> </ul>
<ul style="list-style-type: none"> <li>● Symposium on "Business Incubator for Information Technology and Communication", organized by the Higher Council for Science and Technology, Amman, Jordan (May 6, 2003)</li> </ul>
<ul style="list-style-type: none"> <li>● Presented a paper on, "The Use of New Technology in Teaching Mathematics" Mathematics Conference, Jarash University, (April 30, 2003)</li> </ul>

<ul style="list-style-type: none"> <li>● Member of the Didactic Technological Committee for the project, "Mediterranean Network for Unified Distance Learning University and Continuous Vocational Training Level", sponsored by European Community grants</li> </ul>
<ul style="list-style-type: none"> <li>● Coordinator for CS100 (Introduction to computers and applications)</li> </ul>
<ul style="list-style-type: none"> <li>● Academic consultant for Techno Net magazine</li> </ul>
<ul style="list-style-type: none"> <li>● Reviewer of the IT curriculum at Irbid Private University</li> </ul>
<ul style="list-style-type: none"> <li>● Developed and designed curriculum for the M.Sc. degree in Computer Science and Computer Information Systems</li> </ul>
<ul style="list-style-type: none"> <li>● Chairman of the following committees at the IT college, Yarmouk University: <ul style="list-style-type: none"> <li>○ Council of the Faculty of Information Technology and Computer Sciences</li> <li>○ Committee for Graduate Studies</li> <li>○ Science Research Committee</li> <li>○ Promotion Committee</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>● Developed and designed curriculum for the B.Sc. degree in Computer Science, Computer Information Systems, and Management Information Systems at Yarmouk University according to international standards</li> </ul>
<ul style="list-style-type: none"> <li>● Establishment of the IT college at Yarmouk University</li> </ul>
<ul style="list-style-type: none"> <li>● Dean, Faculty of Information Technology and Computer Sciences, Yarmouk University, Jordan, (September 2002)</li> </ul>
<ul style="list-style-type: none"> <li>● I have been using mathematical packages in teaching Linear Algebra at Yarmouk University</li> </ul>
<ul style="list-style-type: none"> <li>● Chairman of all Computer Science committees at the Department of Mathematics and Computer Science, UAE University</li> </ul>
<ul style="list-style-type: none"> <li>● Chairman, Department of Mathematics and Computer Science, UAE University, United Arab Emirates (September 1997 - September 1998)</li> </ul>
<ul style="list-style-type: none"> <li>● Attended a workshop on improving teaching methods, Al Ain, UAE (April 1, 1997)</li> </ul>
<ul style="list-style-type: none"> <li>● Attended a workshop on the usage of new technology in teaching, organized by UNESCO, Al Ain, UAE (March 3-6, 1996)</li> </ul>

## 9. Courses Taught at Graduate Level

University	Courses
Yarmouk University, Jordan	Algebraic Topology, Homological Algebra, Measure Theory and Functional Analysis, General Topology, Mathematics for Education.
Al al-Bayt University, Jordan	Analysis, General Topology

## 10. Courses Taught at Undergraduate Level

University	Courses
Yarmouk University	Topology, Abstract Algebra, Real Analysis, Complex analysis, Differential Equations, Set Theory, Linear Algebra, Intermediate Analysis, Calculus I, II, III, Mathematics for Economics, Research Projects
United Arab Emirates University	Introduction to Topology, Real Analysis, Foundations of Geometry, Research Projects, Mathematics & Engineering Applications I, Mathematics & Engineering Applications II, Mathematics for teachers II
Colorado State University	Calculus I, Calculus II, Discrete Mathematics
University of Illinois at Urbana-Champaign	Calculus I, Calculus II
The Euro-Mediterranean open sky University / Italy	Discrete Mathematics, Complex Analysis

## 11. Theses Supervision

Title	University	Completed
<b>(a) <u>Ph.D. Level</u></b>		
The Study of Algebraic Properties of Rings	Aleppo University, Syria - Moied Ibraheem	
On Noetherian Graded Modules	University of Jordan, Jordan - Rasheed Roshdi Rasheed	April 2009
<b>(b) <u>Master's Level</u></b>		
Differentials Between Modules Over a Graded Polynomial Ring	Yarmouk University	January, 1991
Maps Between Spheres	Yarmouk University	July, 1991
Graded Modules and Graded Rings	Yarmouk University	December, 1992
On Fixed Point Theory	Yarmouk University	February, 1993
On Graded Ideals and Equivalence of Graduations in a Ring	Yarmouk University	December, 1994
On Graduation Properties of Rings and Modules	Yarmouk University	December, 1994
On Properties of Graded Rings	Yarmouk University	December, 1999
On Properties of Differential Graded Modules	Yarmouk University	May, 2000
On Properties Defined Over Various Types of Strongly Graded Rings	Yarmouk University	August, 2001
Some Properties of Graded Rings*	Al al-Bayt University	June, 2001
Graded Ideals Over Various Types of Strongly Graded Rings	Yarmouk University	May, 2002

On Graded Ring Theory and Applications to Topology*	Al al-Bayt University	July 2002
Further Properties of Graded Rings and the Equivalence of Graduations	Yarmouk University	April, 2004
A Study on some Properties of Graded Modules and Applications	Yarmouk University	Dec., 2004
Graded Rings and Graded Modules of type Z	Yarmouk University	August, 2006
Graduation by G-Sets and ordered groups	Yarmouk University	December, 2006
On Multiplication Graded Rings and Multiplication Graded Modules	Yarmouk University	July 2011
On Graded Prime Submodules	Yarmouk University	December 2011
* Jointly with Dr. Mohammad Khair Ahmed		

## 12. Extra-Curricular Activities

<ul style="list-style-type: none"> <li>● Gave a lecture at Jubilee School Amman, Jordan, as part of their Annual Profession Day on Mar 15, 2016, which included my success story and lessons learned</li> </ul>
<ul style="list-style-type: none"> <li>● Member of defense exam committee for Ph.D. thesis in Mathematics at Aleppo University, Syria</li> </ul>
<ul style="list-style-type: none"> <li>● Member of defense exam committee for Ph.D. thesis in Education at Yarmouk University</li> </ul>
<ul style="list-style-type: none"> <li>● Member of at least 40 defense exam committees for M.Sc. theses in Mathematics, Statistics, and Education at Yarmouk University</li> </ul>

<ul style="list-style-type: none"> <li>● Member of 2 defense exam committees for M.Sc. theses in Mathematics at Tishreen University, Syria</li> </ul>
<ul style="list-style-type: none"> <li>● Member of defense exam committee for M.Sc. theses in Mathematics at Aleppo University, Syria</li> </ul>
<ul style="list-style-type: none"> <li>● Member of a defense exam committee for M.Sc. theses in Computer Science at University of Jordan</li> </ul>
<ul style="list-style-type: none"> <li>● Member of at least 10 defense exam committees for M.Sc. theses in Mathematics at Al al-Bayt University, Jordan</li> </ul>
<ul style="list-style-type: none"> <li>● Member of a defense exam committee for M.Sc. theses in Mathematics at JUST University, Jordan</li> </ul>
<ul style="list-style-type: none"> <li>● Taught two M.Sc. courses at Al al-Bayt University in the fall semester 1994/1995</li> </ul>
<ul style="list-style-type: none"> <li>● Taught several Mathematics courses at the Higher College for the certification of teachers</li> </ul>
<ul style="list-style-type: none"> <li>● Served as coordinator for all 'Mathematics for Teachers' courses at the UAE University in the academic year 1996/1997</li> </ul>
<ul style="list-style-type: none"> <li>● Served as advisor to Mathematics students (all levels)</li> </ul>

### 13. General Lectures

I have given several seminars on group actions, differential graded modules and graded ring theory, at the Department of Mathematics in Yarmouk University, Colorado State University, Aleppo University, Tishreen University, Oklahoma State University and universities in the United Arab Emirates including UAE University.

## 14. Conferences and Professional Visits

<ul style="list-style-type: none"> <li>● Visit to the University of West Attica, Greece (July 17-21, 2022)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in Mediterranean University Union (UNMED)'s Board Meeting, Italy (June 05-12, 2022)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in the Arizona Micro-campus first cohort graduation ceremony in Tucson, AZ (May 11-22, 2022)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Coventry University, UK (May 2-5, 2022)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in the Mediterranean University Union (UNIMED) Conference and conducted a lecture on PSUT Initiatives in Social Responsibility in Jordan at Link University, Rome, Italy (Dec 22-25, 2019)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in the Mediterranean University Union (UNIMED)'s Board Meeting, Rome, Italy (Dec 6-9, 2021)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in the Second Forum of Russian and Arab universities Presidents - Conducted a lecture in regards Students' Exchange Programs at PSUT- Lomonosov Moscow State University- Russia (Nov 28-29, 2019)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to HHU in Duesseldorf, Germany (Oct 17-24, 2021)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Queen's University, UK, to discuss future collaboration such as joint programs and faculty exchange. (June 26-28, 2019)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Bath University, UK, to discuss mutual collaboration such as joint programs and dual programs. (June 24-25, 2019)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to El Arish University, Egypt (Nov 1, 2018)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in UNIMED General Assembly Meeting, Venice (Oct 25-26, 2018)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to The International Telematic University UNINETTUNO, Rome, Italy (Oct 11, 2018)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in OpenMed (Opening up Education in South-Mediterranean countries) Erasmus+ final conference- Conducted a lecture in regards to E-leering at PSUT- Rome (Oct 10, 2018)</li> </ul>

<ul style="list-style-type: none"> <li>● Participated in RISE (Modernizing Human Resources Management in South Mediterranean Higher Education) Erasmus+ final conference, Marrakesh, Morocco (Oct 7-9, 2018)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in ENEPLAN (Integrated Energy and Education in Mediterranean Universities) Erasmus+ final conference, Beirut (Sept 13-14, 2018)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Hasselt University, Belgium (Aug 20, 2018)</li> </ul>
<ul style="list-style-type: none"> <li>● 6<sup>th</sup> Abu Dhabi University Annual International Conference, Mathematical Sciences and its Applications, Abu Dhabi University, Abu Dhabi, UAE (Dec 19-21, 2017) -The Relationship between Semifaitful and Strongly Graded Rings</li> </ul>
<ul style="list-style-type: none"> <li>● Visited Abdulla Al Ghurair Foundation for preliminary agreement signing, Dubai, UAE (Dec 18, 2017)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in the World Science Forum, Dead Sea, Jordan (Nov 7-10, 2017)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in the 4<sup>th</sup> Steering Committee Meeting of the mEQUITY project by Universidad Nacional de Education a Distancia under Erasmus+, Canary Island (June 27-30, 2017)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in the 6<sup>th</sup> MENA Regional Tertiary Education Conference “Towards Competitiveness and Equity in Tertiary Education in the MENA Region – Collaboration for Good Governance, Sustainable Financing and Internationalization”, Marseille, France (June 15-16, 2017)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in workshop on RES and new Technologies for energy production as part of ENEPLAN, Malta (May 2-6, 2017)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to ENQA (European Association for Quality Assurance in Higher Education) as part of EQTeL Project (Enhanced Quality of Technology-Enhanced Learning at Jordanian Universities), Brussels, Belgium (May 16-17, 2017)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to University of Cyprus, Nicosia, Cyprus (Mar 08-09, 2017)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Indian Institute of Technology - Kharagpur, India (Feb 21-23, 2017)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to University of Arizona, Tuscon, USA (Jan 16-18, 2017)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in QS Ranking Conference, Kuala Lumpur, Malaysia (Nov 20-24, 2016)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in RISE (Modernizing Human Resources Management in South Mediterranean Higher Education) Erasmus+ project meeting, Marrakesh, Morocco (Oct 23-27, 2016)</li> </ul>

<ul style="list-style-type: none"> <li>● Visit to Carl von Ossietzky Universität Oldenburg as part of TEMPUS MSC.ESE project, Oldenburg, Germany (Oct 09-12, 2016)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Staffordshire University, Stoke-on-Trent, UK (Aug, 2016)</li> </ul>
<ul style="list-style-type: none"> <li>● Attended the third edition of the Arab-Euro conference on Higher Education (AECHE), Barcelona, Spain (May 25-27, 2016)</li> </ul>
<ul style="list-style-type: none"> <li>● Participated in the 49<sup>th</sup> meeting of the Association of Arab Universities, UAE University – Al-Ain, UAE (April 10-11, 2016)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to IPCA-Polytechnic Institute of Cavado and Ave via Erasmus+, Barcelos, Portugal (March 1-3, 2016)</li> </ul>
<ul style="list-style-type: none"> <li>● T.H.E. (Times Higher Education) MENA Universities Summit 2016, United Arab Emirates University, Al Ain, UAE (Feb 2-4, 2016)</li> </ul>
<ul style="list-style-type: none"> <li>● DIES-Information Visit “Public-Private-Partnership: Cooperation between Universities and Business”, Germany (Nov 29 – Dec 03, 2015)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Windsor University to sign MoU, Canada (November 27-28, 2015)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to University of Michigan - Dearborn and Oakland University to sign Dual Degree Agreements, USA (November 24-26, 2015)</li> </ul>
<ul style="list-style-type: none"> <li>● Study Visit to Turku University, organized by eQTel (Enhanced Quality of Technology-Enhanced Learning at Jordanian Universities) under TEMPUS-EU Commission, Turku, Finland (August 23-29, 2015)</li> </ul>
<ul style="list-style-type: none"> <li>● Hei’s Capacity Building Training, organized by eQTel (Enhanced Quality of Technology-Enhanced Learning at Jordanian Universities) under TEMPUS-EU Commission, AQU Catalunya, Universitat Oberta de Catalunya, Barcelona, Spain (June 15-16, 2015)</li> </ul>
<ul style="list-style-type: none"> <li>● Student Services Insight Workshop, organized Medawel under TEMPUS-EU Commission, delivered by Glasgow Caledonian University, United Kingdom (June 10-12, 2015)</li> </ul>
<ul style="list-style-type: none"> <li>● The Second International Conference of Mathematics and Statistics AUS-ICMS’15, American University of Sharjah, Sharjah, United Arab Emirates (April 2-5, 2015)</li> </ul>

<ul style="list-style-type: none"> <li>● The MENA Universities Summit 2015, Doha, Qatar, (February 23-24, 2015)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to four American Universities: Indiana University – Bloomington, Oakland University, University of Michigan – Dearborn, Towson University Maryland, (January 15-23, 2015)</li> </ul>
<ul style="list-style-type: none"> <li>● Official HRH Princess Sumaya bin El-Hassan visit to Prince Mohammad bin Fahd University, Dammam, Saudi Arabia (Nov 29-Dec 01, 2014)</li> </ul>
<ul style="list-style-type: none"> <li>● Partner visit to Lancaster University, United Kingdom (October 29-31, 2014)</li> </ul>
<ul style="list-style-type: none"> <li>● Supra-Regional Conference in Governance in Southern Neighboring Higher Education Institutions, organized by UNAM (European Commission-Tempus), Beirut Arab University, Lebanon (March 14-15, 2013)</li> </ul>
<ul style="list-style-type: none"> <li>● International Conference on Mathematical Science and Applications, Abu Dhabi University, Abu Dhabi, UAE (December 26-31, 2012)- On Graded Prime Ideals</li> </ul>
<ul style="list-style-type: none"> <li>● Science, Technology and Innovation for Sustainable Development, organized by ESCWA, El-Hassan Science City, Amman, Jordan (November 26, 2012)</li> </ul>
<ul style="list-style-type: none"> <li>● Kick-off meeting, Tempus Project – Exporting Master Program in Enterprise Systems Engineering to Jordan, Syria, Tunisia, and Egypt (MSc.ESE), German Jordanian University, Amman, Jordan (November 13-14, 2012)</li> </ul>
<ul style="list-style-type: none"> <li>● Financial Management in Higher Education Institutions: Challenges and Trends. Tempus-UNAM Project Conference, Al-Hussain Bin Talal University, Ma'an, Jordan (October 18, 2012)</li> </ul>
<ul style="list-style-type: none"> <li>● Arab-Malaysian Global Higher Education Summit (AMGHE Summit), Putrajaya, Malaysia (Oct 4-5, 2012)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Oakland University, Rochester, Michigan, USA (October 18-21, 2011)</li> </ul>
<ul style="list-style-type: none"> <li>● 1074<sup>th</sup> Conference of the American Mathematical Society, University of Nebraska-Lincoln, Lincoln, USA (October 14-16, 2011)-On Augmented Graded Rings</li> </ul>
<ul style="list-style-type: none"> <li>● The Canadian Mathematical Society Winter Conference, Vancouver, Canada (December 4-6, 2010)-On some properties defined over strongly graded rings and graded modules.</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to University Kebangsaan, Bangi Selangor, Malaysia (April 21-24, 2010)</li> </ul>

<ul style="list-style-type: none"> <li>● Visit to IKIP College, Kuantan, Malaysia (April 18-21, 2010)</li> </ul>
<ul style="list-style-type: none"> <li>● The First International Conference on Mathematics and Statistics, AUS-ICMS'10, Sharjah, UAE (March 18-21, 2010)-On weakly graded rings and graded modules</li> </ul>
<ul style="list-style-type: none"> <li>● 16<sup>th</sup> Annual conference of the Special Libraries Association Arabian Gulf, Abu Dhabi, UAE (March 2-4, 2010)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Western Michigan University, Michigan, USA (January 22-30, 2010)</li> </ul>
<ul style="list-style-type: none"> <li>● Gitex Expo 2009 (Computer exhibition), Dubai, UAE (October 17-21, 2009)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Aleppo University, Syria (August 18-21, 2009)</li> </ul>
<ul style="list-style-type: none"> <li>● 15<sup>th</sup> Annual SLA-AGC Conference 2009, Kuwait University, Kuwait (April 7-9, 2009)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Texas International Education Consortium, Austin, Texas, USA (March 24-25, 2009)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Ohio University, Athens, Ohio, USA (March 22-24, 2009)</li> </ul>
<ul style="list-style-type: none"> <li>● Southern Regional Algebra American Mathematical Society Conference, University of South Alabama, Mobile, Alabama, USA (March 20-22, 2009)- On Strongly Graded Rings and Graded Modules</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Gitex Expo 2008 (Computer exhibition), Dubai, UAE (Oct 20-24, 2008)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Universidad Politécnica de Valencia, Valencia, Spain (May 29-Jun 4, 2008)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Delmon University of Science and Technology, Manama, Kingdom of Bahrain (March 20-24, 2008)</li> </ul>
<ul style="list-style-type: none"> <li>● Microsoft Academic Days, Tunisia (Feb 26-Mar 1, 2007)</li> </ul>
<ul style="list-style-type: none"> <li>● The First International Conference of Mathematics, University of Aleppo, Aleppo, Syria (Dec 19-21, 2006) - On Some Properties of Graded Rings and Graded Modules</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Delmon University of Science and Technology, Manama, Kingdom of Bahrain (Nov 22-25, 2006)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Gitex Expo 2006 (Computer exhibition), Dubai, UAE (Nov 18-21, 2006)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Brussels, Belgium (Nov 7-10, 2006) for a meeting on recent developments concerning <ul style="list-style-type: none"> <li>- Mediterranean Dialogue</li> <li>- Istanbul Cooperation Initiative</li> </ul> Under the auspices of the NATO Public Diplomacy Division </li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Tishreen University, Syria (July 4-6, 2006)</li> </ul>

<ul style="list-style-type: none"> <li>● Visit to Delmon University, Bahrain (April 20-25,2006)</li> </ul>
<ul style="list-style-type: none"> <li>● Catania 3 (Euro-Mediterranean Space for Higher Education and Research), Catania, Italy (Jan.27-29, 2006)</li> </ul>
<ul style="list-style-type: none"> <li>● The Didactic Technological Committee meeting for the Med Net'U project, Turin, Italy (Dec. 11-14, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● The Future of ICT in Higher Education (Finding Common ground for Intervention), Amman (Dec.1-3, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to University of Sunderland, United Kingdom (Sept. 7-17, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● The 9<sup>th</sup> International Algebraic Hyperstructures and Its Applications, University of Mazandaran, Iran (Sept. 1-6, 2005)-More properties on various types of strongly graded rings.</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Inholland University, Rotterdam, Netherlands (April 9-15, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● The 1<sup>st</sup> EUMEDIS International conference " Closing the Digital Gap in the Mediterranean Region", Dead sea resort, Jordan (April 17-18, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Euro-Mediterranean Open Sky University, Rome, Italy (January 23-30, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Middle East Technical University, Istanbul, Turkey (January 14-16, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● Second International Conference on Mathematical Sciences, United Arab Emirates University, Al-Ain, U.A.E. (December 12-14, 2004)-Semifaitful Graded Rings</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to the Euro-Mediterranean Open Sky University, Rome, Italy (August 25 – September 10, 2004)</li> </ul>
<ul style="list-style-type: none"> <li>● The Didactic Technological Committee meeting for the MEDNET U Project, Paris, France (January 27-28, 2004)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Delmon Academy for Computer and Managerial Sciences, Bahrain (December 12-13, 2003)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to the National College of Sciences and Technology, Salalah, Oman (December 14-19, 2003)</li> </ul>

<ul style="list-style-type: none"> <li>● International Symposium on Mathematics, University of Tunis El-Manar, Tunisia (October 20-25, 2003)-More Properties on Graded Jacobson Radical and Graded Spectra</li> </ul>
<ul style="list-style-type: none"> <li>● Mathematics conference, Irbid University, Jordan (October 15-17, 2003)-Graded Rings, Graded Modules and Applications</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Tishreen University, Syria (May 22-25, 2003)</li> </ul>
<ul style="list-style-type: none"> <li>● The 8<sup>th</sup> AHA2002 Congress, Democritus University of Thrace, Greece (September 1-9, 2002)-On Graded Rings and Graded Modules</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Tishreen University, Syria, (May 1-3, 2002)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Aleppo University, Syria, (April 28-30, 2002)</li> </ul>
<ul style="list-style-type: none"> <li>● The Second Science Congress, Al al-Bayt University, Jordan, (May 8-9, 2002)- On Graded Rings</li> </ul>
<ul style="list-style-type: none"> <li>● Third International Conference on Mathematics, Bulgaria (June 14-23, 2001)-Graded Ring Theory and its Applications to Topology</li> </ul>
<ul style="list-style-type: none"> <li>● Mathematical Association of American meeting, Fort Collins, Colorado, U.S.A. (April 7-8, 2000). Strong Properties of Graded Rings and Applications</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to McGill University, Canada (June 1-4, 1999).</li> </ul>
<ul style="list-style-type: none"> <li>● The Canadian Mathematical Society summer meeting at Memorial University of Newfoundland, Canada (May 29-June 1, 1999)-On Some Properties of Graded Rings</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Aleppo University (Feb 1-6, 1999)</li> </ul>
<ul style="list-style-type: none"> <li>● The First meeting of Mathematics Department Chairmen of the Arab Gulf Universities (April 29-30, 1998)</li> <li>●</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Aleppo University (July 19-25, 1997)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Stuttgart University, Germany, (Summer 1995)</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Aleppo University (June 4-11, 1994)</li> </ul>
<ul style="list-style-type: none"> <li>● The Science Congress Conference: Jaipur, India (January 2-6, 1994)-Various types of strongly G-graded rings</li> </ul>

<ul style="list-style-type: none"> <li>● The 31<sup>st</sup> Science Week: Syria (November 2-8, 1991)-Solvable differential graded modules</li> </ul>
<ul style="list-style-type: none"> <li>● The First Jordanian Mathematical Conference, Amman, Jordan (September 2-4, 1991)-On Modules whose Homologies are Finite Dimensional Vector Spaces</li> </ul>
<ul style="list-style-type: none"> <li>● Visit to Oklahoma State University, U.S.A., (Spring semester 1988)</li> </ul>

## 15. Workshops

<ul style="list-style-type: none"> <li>● Workshop on "Towards the E-University" sponsored by the Ministry of Higher Education and Scientific Research at the University of Jordan, Amman, Jordan (April 2, 2005)</li> </ul>
<ul style="list-style-type: none"> <li>● Workshop on Oracle <i>i</i>- Learning and Oracle collaboration suite organized by Oracle, Yarmouk University, Jordan (November 27, 2004)</li> </ul>
<ul style="list-style-type: none"> <li>● Symposium on Get Connected UK Jordan IT Initiative (several meetings in 2003), organized by the British Council, Amman, Jordan</li> </ul>
<ul style="list-style-type: none"> <li>● Workshop on Microsoft Research.Net Crash Course 2003, conducted by Microsoft Research, Cambridge, UK (June 21-23, 2003), Dubai, UAE</li> </ul>
<ul style="list-style-type: none"> <li>● Symposium on Business Incubator for Information Technology and Communication, organized by the Higher Council for Science and Technology (May 6, 2003), Amman, Jordan</li> </ul>
<ul style="list-style-type: none"> <li>● Workshop on improving teaching methods (April 1, 1997), Al Ain, UAE</li> </ul>
<ul style="list-style-type: none"> <li>● Workshop on the use of new technology in teaching organized by UNESCO (March 3-6, 1996), Al Ain, UAE</li> </ul>
<ul style="list-style-type: none"> <li>● Workshop on preparations for exams (December 19, 1995), Al Ain, UAE</li> </ul>

## 16. Editorial and Professional Societies Membership

● Board Member, UNIMED, Mediterranean Universities Union
● Advisory Board Member, Arab Science Journal/ALECSO, Tunisia
● Amman Arab University's Industrial Consultancy Council, under the Faculty of Computer Science and Information Technology, Jordan 2017
● Chief Editor of Mathematics Magazine, Jordan 2015/2016
● Board Member, Fulbright, The Jordanian American Commission for Educational Exchange, Jordan 2014-2018
● Reviewer for Science and Education Publishing, USA 16/4/2015
● American Journal of Applied Mathematics and Statistics 11/4/2015
● Editorial Board Member of peer reviewed Mathematical Science Journal (SRMS Journal of Mathematical Sciences ISSN: 2394-725X), India 1/4/2015
● Honorary President of Jordanian Physics Society (JPS), 4/1/2014
● Member of the EBSCO Publishing Asia/Australia/Africa Academic Advisory Board
● Editor (former Chief Editor) of the Jordan Journal of Mathematics and Statistics
● Editor of Abhath Al-Yarmouk Journal (Pure Science and Engineering Series)
● Member of the Advisory Board of the Jordan Journal of Applied Sciences issued by Applied Science Private University
● Editor of the International Journal of Applied Mathematics
● Editor of the Far East Journal of Mathematical Sciences, since January 1997
● Member of the American Mathematical Society (AMS) from 1983 to 1989
● Member of the Jordanian Mathematical Society
● Member of the Indian Science Congress Association

## 17. Membership of National and University Committees

<p><b><u>National Committees</u></b></p> <ul style="list-style-type: none"> <li>● Member of Higher Education Council (since Dec 21, 2022) as appointed by Royal Decree, Ministry of Higher Education and Scientific Research</li> <li>● Member of the Advisory Committee of the Higher Council for Science and Technology</li> <li>● Member of the Education Council (since 2021), Ministry of Education</li> <li>● Member of Higher Education Council (between 2010-2014) as appointed by Royal Decree, Ministry of Higher Education and Scientific Research</li> <li>● Member of the Scientific Committee and the Finance and Administration Committee of the Higher Education Council</li> </ul>
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- Chair of the Committee appointed by the Minister of Higher Education and Scientific Research for the revision of all academic regulations in Jordanian public universities
- Chair (appointed by the Jordanian Higher Education Accreditation Commission) of the Accreditation Committee for the Faculty of Science at the University of Jordan
- Member of the Faculty of Pharmacy Accreditation Committee at the University of Jordan
- Member of the Faculty of Nursing Accreditation Committee at the University of Jordan
- Member of various committees (appointed by the Jordanian Higher Education Accreditation Commission) for the accreditation of Mathematics at different private universities in Jordan.

### **University Committees**

#### **Yarmouk University**

- Chairman, Theoretical and Applied Physics Center Council
- Chairman, Saleh Abdullah Chair for Islamic Economics in the Faculty of Sharia
- Chairman, Marine Station Council in Aqaba
- Chairman, Language Center Council
- Chairman, Committee of Academic Curricula, Deans' Council
- Chairman, Committee of Scholarship and Appointment, Deans' Council
- Chairman, Committee of the Yarmouk University Provident Fund
- Chairman of the Higher Committee and Coordinator of the Hijjawi Tempus Project, "Biomedical Center of Excellence"
- Member of Deans' Council
- Member of the University Council
- Member of the Faculty Development Center Council
- Member of the Computer Center Council
- Member of the Development and Planning Committee
- Member of the Higher Committee for the English language level exams
- Member of the Higher Committee for the Joint Programs with Sunderland University
- Member of the Higher Committee for CADER (Change Agent for Arab Development and Education Reform)
- Academic Committee for Yarmouk Model School (2000-2001, and 2001-2002)
- Academic Committee for Yarmouk Model School (1994-1995)
- Preparatory Committee for the workshop on computing organized by UNESCO in January 1996
- Science Research Council (2000-2002)
- Member of some disciplinary committees for faculty members
- Chairman of the Committee for Writing and Developing Computer Science books for Yarmouk Model School (all levels)
- Member of the Didactic Technological Committee for the project, "Mediterranean Network for Unified Distance Learning University and Continuous Vocational Training Level" sponsored by European Community grants
- University Organizational Committee
- University and Community Committee
- Member of the Disciplinary and Appeals Council for Faculty Members

- Member of Hijjawi industry advisory board

#### **College Level Committees**

- Chairman, Council of the Faculty of Information Technology and Computer Sciences
- Chairman, Committee for Graduate Studies, Faculty of Information Technology and Computer Sciences
- Chairman, Science Research Committee, Faculty of IT and Computer Sciences
- Chairman, Promotion Committee, Faculty of Information Technology and Computer Sciences
- Member, Council of the Faculty of Science
- Chairman, Committee for Graduate Studies, Faculty of Science
- Chairman, Library Committee, Faculty of Science
- Chairman, Science Research Committee, Faculty of Science
- Chairman, Development Committee, Faculty of Science
- Chairman, Committee of Academic Curricula, Faculty of Science
- Member, Disciplinary Committee for Students, Faculty of Science
- Member, Promotion Committee, Faculty of Science

#### **Departmental Level Committees**

- Graduate Studies Committee
- Qualifying Exam Committee for Master's students in Topology and Measure Theory
- Scholarship and Appointment Committee
- Library Committee
- Curriculum Committee
- Coordinator of Calculus I, Calculus II and Linear Algebra

#### **United Arab Emirates University**

#### **College Level Committees**

- Member of the College of Science Council
- Academic Committee
- Promotion Committee

### **Departmental Level Committees**

- Study Record Committee
- Academic Committee
- Student Advisory Committee
- Appointment Committee

### **Princess Sumaya University for Technology**

- Chair of the ABET (Accreditation Board for Engineering and Technology) Committee at Princess Sumaya University for Technology, Amman, Jordan
- Chair of the Savings Fund Committee
- Chair of the Personnel Affairs Committee
- Chair of the Tenders Committee
- Chair of the Health Insurance Committee
- Chair of the 21<sup>st</sup> Anniversary Celebrations Committee
- Chair of the Deans' Council
- Chair of the University Council
- Chair of the Appointments and Promotions Committee

## **18. Accreditation Committees**

- |   |
|---|
| ● Chair of the ABET (Accreditation Board for Engineering and Technology) Committee for Computer Science and Engineering at Princess Sumaya University for Technology, Amman, Jordan (2010-2014) |
| ● Chair (appointed by the Jordanian Higher Education Accreditation Commission) of the Accreditation Committee for the Faculty of Science at the University of Jordan                            |
| ● Member of the Faculty of Pharmacy Accreditation Committee at the University of Jordan   |
| ● Member of the Faculty of Nursing Accreditation Committee at the University of Jordan  |

<ul style="list-style-type: none"> <li>● Member of various committees (appointed by the Jordanian Higher Education Accreditation Commission) for the accreditation of Mathematics at different private universities in Jordan.</li> </ul>
<ul style="list-style-type: none"> <li>● Chairman of the committee appointed by the Ministry of Higher Education to develop the curriculum for computer- based education in Jordan</li> </ul>
<ul style="list-style-type: none"> <li>● Review and evaluation of the standard of Ph.D. dissertations in Mathematics from foreign universities, on behalf of the Ministry of Higher Education</li> </ul>

## 19. Community Service

<ul style="list-style-type: none"> <li>● Chairman of the Committee appointed by the Minister of Higher Education and Scientific Research for the revision of all academic regulations in Jordanian public universities</li> </ul>
<ul style="list-style-type: none"> <li>● Member of the Board of Trustees of Jadara Private University, Jordan</li> </ul>
<ul style="list-style-type: none"> <li>● Member of the Reviewing Committee, appointed by the Ministry of Higher Education, for Ph.D. Programs in all Jordanian Universities</li> </ul>
<ul style="list-style-type: none"> <li>● Member of the Academic Committee for the Mathematics Conference at Al-Hussain University</li> </ul>
<ul style="list-style-type: none"> <li>● Member of the reviewing committee for the Philadelphia University award for the best software</li> </ul>
<ul style="list-style-type: none"> <li>● Member of the reviewing committee of Private Universities Certification for many years in Jordan.</li> </ul>
<ul style="list-style-type: none"> <li>● Reviewer for developing high school Mathematics books, United Arab Emirates.</li> </ul>
<ul style="list-style-type: none"> <li>● Writer of the high school diploma examination question paper in Mathematics for the academic year 1997/1998, United Arab Emirates</li> </ul>
<ul style="list-style-type: none"> <li>● Member of the higher committee for developing the curriculum and learning equipment at the Ministry of Education and Youth for the academic year 1997/1998, United Arab Emirates.</li> </ul>
<ul style="list-style-type: none"> <li>● Reviewing the IT curriculum for Irbid Private University.</li> </ul>
<ul style="list-style-type: none"> <li>● Reviewing the Mathematics Curriculum for Philadelphia University.</li> </ul>
<ul style="list-style-type: none"> <li>● Reviewing proposals submitted by Jordanian public universities to the World Bank Projects.</li> </ul>

<ul style="list-style-type: none"> <li>● Reviewing several promotion works to faculty members for several universities, both inside and outside Jordan.</li> </ul>
<ul style="list-style-type: none"> <li>● Reviewing papers submitted to several journals.</li> </ul>
<ul style="list-style-type: none"> <li>● Reviewer for developing the Mathematics books (all levels) for the Ministry of Education.</li> </ul>

## 20. List of Publications and Conference Presentations (Research Papers)

1.	M. Refai. Totally Finite DG-A-Modules, M.E.T.U. Journal of Pure and Applied Sciences, Vol. 24, No. 1-2 (1991)
2.	M. Refai. Solvable differential graded Modules. The 31 <sup>st</sup> Science Week Conference, Syria (November 2-8, 1991)
3.	M. Refai. On Modules, whose Homologies are Finite Dimensional Vector Spaces. The First Jordanian Mathematical Conference, Amman, Jordan (September 2-4, 1991)
4.	M. Refai. Solvable differential Graded Modules. Mathematica Japonica Journal, Vol. 37, No. 6, 1101-1104 (1992)
5.	M. Refai. Modules Over $k[x]$ . J. Institute of Mathematics & Computer Sciences (Math Series), Vol. 5, No. 2, 223-229 (1992)
6.	M. Refai. On Minimal Modules. Mathematica Japonica Journal, Vol.38, No. 6, 1023-1025 (1993)

7.	M. Refai and M. Obiedat. On Graduations of $\mathbb{K}[x_1, x_2, \dots, x_m]$ J. Institute of Mathematics and Computer Sciences (Mathematics Series), Vol. 6, No. 3, 241-252 (1993)
8.	M. Refai. Group Actions on Finite CW-Complexes. Indian Journal of Pure and Applied Mathematics, Vol. 24, No. 4, 245-253 (1993)
9.	M. Refai. On Modules whose Homologies are Finite Dimensional Vector Spaces. Abhath Al-Yarmouk Journal (Pure Science and Engineering Series), Vol. 2, No. 1, 21-30, (1993)
10.	M. Refai. The Rank of the Quotient in a Composition Series, M.E.T.U. Journal of Pure and Applied Sciences, Vol. 25, No. 1-3, (1994)
11.	M. Refai and M. Obiedat. On a Strongly-Support Graded Rings. Mathematica Japonica Journal, Vol. 39, No. 3, 519-522 (1994)
12.	M. Refai. Various types of strongly G-graded rings. Science Congress Conference: Jaipur, India (January 2-6, 1994)
13.	M. Refai. On Noetherian Modules Graded by G-sets. Acta Mathematica Hungarica Journal, Vol. 69, No. 3, 211-219 (1995)
14.	M. Refai. Various Types of Strongly G-Graded Rings. Abhath Al-Yarmouk Journal (Pure Sciences and Engineering Series), Vol. 4, No. 2, 9-19 (1995)

15.	M. Refai. Graded Group rings and Noetherian Modules. Far East Journal of Mathematical Sciences, Vol. 4, No. 1, 125-132 (1996)
16.	M. Refai. Augmented Graded Rings. Turkish Journal of Mathematics, Vol. 21, No. 3, 333-341 (1997)
17.	M. Refai and S. Obiedat. On Equivalence of Graded Rings. International Journal of Mathematics and Mathematical Sciences, Vol. 21, No. 1, 97-101 (1998)
18.	H. Nagar and M. Refai. On Graduations of $M_n(R)$ . Research Journal of Aleppo University (Basic Sciences Series), No. 30, 1-13 (1999)
19.	M. Refai. Augmented Noetherian Graded Modules. Turkish Journal of Mathematics, 23, 355-360 (1999)
20.	M. Refai. On Some Properties of Graded Rings. The Canadian Mathematical Society summer meeting at Memorial University of Newfoundland, Canada (May 29-June 1, 1999)
21.	M. Refai, M.Q. Hailat and S. Obiedat. Graded Radicals and Graded Prime Spectra. Far East Journal of Mathematical Sciences, Part I, 59-73 (2000)
22.	M. Refai and B. Masaedeh. Modules Graded by Polycyclic-by-Finite Groups. J. Institute of Mathematics and Computer Sciences (Math. Series), 1-8(2000)
23.	M. Refai. Strong Properties of Graded Rings and Applications. The Mathematical Association of American meeting, Fort Collins, Colorado, U.S.A. (April 7-8, 2000)
24.	M. Refai. On Properties of $G\text{-spec}(R)$ . Scientiae Mathematicae Japonicae Journal, 4, 491-495 (2001)

25.	M. Refai. A Problem in Graded Noetherian Modules. The Mathematics Student Journal (Indian Mathematical Society), 70 (1-4), 219-225 (2001)
26.	M. Refai. Augmented G-graded Modules. Tishreen University Journal for studies and scientific research-Basic Science Series, 23 (10), 231-245 (2001)
27.	M. Refai. Graded Ring Theory and its Applications to Topology. The Third International Conference on Mathematics, Bulgaria (June 14-23, 2001)
28.	M. Refai. On Graded Rings and Graded Modules. The 8 <sup>th</sup> AHA2002 Congress, Democritus University of Thrace, Greece (September 1-9, 2002)
29.	M. Refai. On Graded Rings. The Second Science Congress, Al al-Bayt University, Jordan, (May 8-9, 2002)
30.	M. Refai, J.Habeb, and F. Awawdeh. Algorithm for Grading $M_n(F)$ . Al-Manara Journal, Vol.9 (2), 197-215 (2003)
31.	M. Refai. More Properties on Graded Jacobson Radical and Graded Spectra. The International Symposium on Mathematics, University of Tunis El-Manar, Tunisia (October 20-25, 2003)
32.	M. Refai. Graded Rings, Graded Modules and Applications. Mathematics Conference, Irbid University, Jordan (October 15-17, 2003)
33.	M. Refai and K. Al-Zoubi. On graded primary ideals. Turkish Journal of Mathematics, 28, 217-229 (2004)
34.	M. Refai. Semifaithful Graded Rings. The Second International Conference on Mathematical Sciences, United Arab Emirates University, Al-Ain, U.A.E. (December 12-14, 2004)

35.	M. Refai and F. Moh'd. Characterizations of augmented graded rings. Turkish Journal of Mathematics, 29, 211-219 (2005)
36.	M. Refai. More properties on various types of strongly graded rings. The 9 <sup>th</sup> International Algebraic Hyperstructures and Its Applications, University of Mazandaran, Iran (Sept. 1-6, 2005)
37.	M. Refai and F. Moh'd. First Strongly Graded Modules, International Journal of Mathematics (Game Theory and Algebra), 15 (4), 451-457 (2006)
38.	M. Refai and K. Al-Zoubi. More Properties on Graded Jacobson Radicals and Graded Spectra. Al-Manara Journal, Al al-Bayt University, 12 (2), 169-183 (2006)
39.	M. Refai. On Some Properties of Graded Rings and Graded Modules. The First International Conference of Mathematics, University of Aleppo, Aleppo, Syria (Dec 19-21, 2006)
40.	M. Refai and F. Moh'd. On Flexible Graded Modules. Italian Journal of Pure and Applied Mathematics, 22, 125-132 (2007)
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60.	M. Refai, R. Abu-Dawwas, S. Koc, E. Yildiz, and T. Aloqaily. On graded weakly 2-Prime Ideals, submitted
61.	M. Refai, R. Abu-Dawwas, U Tekir, S. Koc, R. Awawdeh, and E. Yildiz. On grades $\emptyset$ -1-absorbing Prime Ideals, submitted

## 21. List of Publications (Books)

1.	M. Refai and others, Mathematics for Teachers (in Arabic), UAE University, 1997.
2.	M. Refai and others, Mathematics for Teachers (in Arabic), UAE University, 1996.
3.	M. Refai and others, Computer Science for grade 1, Yarmouk University Model School, 2004.
4.	M. Refai and others, Computer Science for grade 2, Yarmouk University Model School, 2004.
5.	M. Refai and others, Computer Science for grade 3, Yarmouk University Model School, 2004.
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7.	M. Refai and others, Computer Science for grade 5, Yarmouk University Model School, 2004.

8.	M. Refai and others, Computer Science for grade 6, Yarmouk University Model School, 2004.
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## 22. References

1.	<p>Prof. Wajih Owais</p> <p>Minister of Higher Education and Scientific Research</p> <p>Phone: +962-796660006</p> <p>E-mail: <a href="mailto:wajih.owais@hotmail.com">wajih.owais@hotmail.com</a></p>
2.	<p>Prof. Thafer Assaraira</p> <p>President</p> <p>Accreditation and Quality Assurance Commission for Higher Education Institutions</p> <p>Phone: +962-791924444</p> <p>E-mail: <a href="mailto:t.assaraira@heac.org.jo">t.assaraira@heac.org.jo</a></p>
3.	<p>Prof. Issa Batarseh</p> <p>Professor of Electrical Engineering, University of Central Florida, USA</p> <p>Phone: +1(407)962-8630</p> <p>E-mail: <a href="mailto:issa.batarseh@gmail.com">issa.batarseh@gmail.com</a></p>
4.	<p>Prof. Abdulla Al-Jarrah</p> <p>Former Vice President of Yarmouk University, Jordan</p> <p>Phone: +962-797042220</p> <p>E-mail: <a href="mailto:ajarrah@yu.edu.jo">ajarrah@yu.edu.jo</a></p>