

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
Curriculum Vitae

PERSONAL INFORMATION

Name : Issa Mahmoud Issa Shehabat

Date of birth : September 14,1968

Nationality: Jordanian

Marital status : Married *with five kids*

Address: *Jordan – Irbid*

Mobile: +962 – 777 – 489489
+962-799-414-915

E-mail:

ishehabat@yu.edu.jo

ishehabat@yahoo.com



SUMMARY

More than **20** years of **Teaching, Training, Research, Accreditation and Quality Assurance experience**. First, worked for 10 years as an Assistant Professor at the Departments of: *Computer Science and Information Systems, Management Information Systems, Software Engineering and Applied Computer Science*, Faculty of Information Technology, Philadelphia University- Jordan.

Worked as **Vice Dean** of Faculty of Information Technology, **Head of Software Engineering** Department, and **in charge of the Accreditation and Quality Assurance at the faculty of IT**.

Participated in the foundation process of IT Faculty and its Departments at Philadelphia University, Jordan. In Addition Participated in Various **Curriculum Developments** for Computer Science, MIS, CIS, and Software Engineering.

Worked as **Assistant Professor** at **King Saud University** - Huraimla Community College, and **Director of the Accreditation and Quality Assurance Unit**.

Worked as **Assistant Dean for Accreditation & Quality Assurance** at **Yarmouk University** of Jordan – Faculty of Information Technology & Computer Science.

Currently, Assistant Professor at MIS Dept. **Yarmouk University**, Jordan – Faculty of Information Technology & Computer Science.

Attended and Participated in many National and International Conferences, and Workshops. **Peer Reviewer** for many Journal and Conference Papers.

EDUCATION

a. 1992-1997

- **National Technical University "Kharkov Polytechnic Institute" – UKRAINE**
Ph.D. in Computer Engineering
Field of narrow specialization: “**Computer Systems and Networks**”
Thesis title: “Multiprocessor systems for data processing by a group method of data handling”

b. 1986 – 1992

- **National Technical University "Kharkov Polytechnic Institute" – USSR-UKRAINE**
Master of Computer Engineering
Field of narrow specialization: “**Computer Systems and Networks**”
Thesis title: “Local Database and Computation Statistics in Automatic Control Systems”.

WORK EXPERIENCE

- Assistant Professor, Yarmouk University, Yarmouk University – Faculty of Information Technology & Computer Science – September 2014-present
- Assistant Dean for Quality Assurance Faculty of Information Technology & Computer Science, (Dec 2105 – Sep 2017)
- Head of Computer Science Dept. Shaqra University - Huraimla Community College – KSA, (September 2012-2014)
- Director of Accreditation and Quality Assurance Unit, Shaqra University - Huraimla Community College – KSA, (September 2010-2014)
- Director of Accreditation and Quality Assurance Unit, King Saud University - Huraimla Community College – KSA, (September 2008 – 2010)
- Head of Computer Science Department, HCSHS, Shaqra University (May 2011 - Present)
- Assistant Professor – King Saud University & Shaqra University - Huraimla Community College – KSA, (September 2008 – Present)
- Vice Dean of Faculty of Information Technology, Philadelphia University - Jordan (2005 - 2007)
- Head of Software Engineering Department, Faculty of Information Technology, Philadelphia University (2006 – 2007)
- Assistant Dean of Faculty of Information Technology, Philadelphia University (2004-2005)
- Assistant Professor, Department of Software Engineering, Faculty of Information Technology, Philadelphia University (2002-2008)
- Assistant Professor, Department of Computer Science and Information Systems, MIS & Applied Computing Departments, Faculty of Information Technology & Faculty of Science, Philadelphia University (1998-2002)
- Part time lecturer at Al- Balqa' applied University – (Jordan 2003-2004)
- Part Time lecturer at Jordan University of Science and Technology – JUST (2006-2008)

CLASSES TAUGHT (Instruction Language - English)

1. Yarmouk University - Jordan

Graduate Courses

MIS 630 Management Information Systems

MIS 654 Electronic Government

MIS 673 Knowledge Management in Organizations

MIS 695 Graduation Project

Undergraduate courses

1. MIS 106 Communication Skills for IT
2. MIS 220 Managing Innovation Technology
3. MIS 250 Electronic Commerce
4. MIS 330 Business Data Communications
5. MIS 421 Legal Issues in Information Management
6. MIS 461 Managing for Quality Improvement
7. MIS 480 Decision Support Systems
8. MIS 480L Decision Support Systems Lab
9. MIS 492 Special Topics in MIS (Knowledge Management)
10. MIS 499 Graduation Project
11. BA 321 Project Management and Quality Control

2. King Saud University & Shaqra University – Huraimla College for Science and Humanity Studies & Huraimla Community College

- a. Visual Basic Programming
- b. Advanced Programming using Visual Basic
- c. Internet Applications
- d. Digital Logic Design
- e. Computer Programming -1
- f. Computer Programming -2
- g. Data Structures
- h. Computer Networks

3. Philadelphia University - Jordan

Graduate Courses

Mobile and Distributed Computing

Undergraduate courses

- a. Data Communications and Computer Networks.
- b. Data Transmission through Networks.
- c. Telecommunication Networks.
- d. Object Oriented Paradigm (Using Java)
- e. Programming Languages C, C++, & VB.
- f. Digital Logic Design.
- g. Computer Architecture.
- h. Operating Systems
- i. E-Commerce.
- j. Computer Organization & Assembly Languages.
- k. Introduction to Software Engineering
- l. Software Management
- m. Operations Research.
- n. Computer Graphics.
- o. Knowledge Management.
- p. Web Development Languages (HTML, CSS, JavaScript, VB Script, XML, XSL, WSDL, BPEL, ASP & ADO).
- q. Fundamentals of Information Technology.
- r. Introduction to Computer Science.
- s. Professional And Ethical Issues In Computing And Information Technology
- t. **Supervision of Graduation Projects**

4. Al-Balqa' Applied University al-husun college – part time

- a. Visual Basic Programming
- b. Advanced Programming using Visual Basic
- c. Microprocessors

5. Jordan University of Science and Technology – Part Time

- a. Professional And Ethical Issues In Computing And Information Technology

6. Arab Open University – Saudi Arabian Branch (Al-Riyadh) – Part Time

- a. E-Business Technologies (Building Web Services)
- b. Putting Java to Work (Java Programming)
- c. Putting Computer Systems to Work (Visual C++ Programming)
- d. Telematics Project

7. Dar Al-Uloom University (Al-Riyadh) – Part Time (Graduate Studies-MIS Dept.)

- a. IT Project Management
- b. Web Applications Development

ACCREDITATION and QUALITY ASSURANCE EXPERIENCE

- Conducting lectures and seminars to promote Excellence of Teaching.
- Writing Self Study Reports.
- Accreditation Team Member Training Including Distance Education Program Evaluation.
- Maintaining the Accreditation Eligibility, Preparing the Candidate Application, Planning for the Candidate Visits.
- Writing Annual Reports: Reporting Completion, Placement, and Licensure Data.
- Establishment of the culture of QA in the university in general and in the faculty in particular.
- Leading the design process for documenting all QA relevant aspects.
- Creation and Modification of the university procedures according to the QA standards, especially those related to the quality of teaching.
- Developing, implementing, and monitoring different procedures for continuing accreditation and validation of the college's academic programs.
- Cooperating and coordinating with the accreditation and Quality Assurance organizations.
- Developing and implementing measures for promoting, coordinating and monitoring the effectiveness of self-evaluation and quality assurance processes.
- Sharing and disseminating good QA practices with other institutions.
- Liaising with the national and international accreditation bodies.
- Writing different kinds of reports on QA practice.
- Managing and monitoring QA activities at different levels.

Training and Consultations Activities:

Worked as Quality Assurance and Accreditation Consultant for Prince Salman University, on Meeting the American COE Quality Standards. Al-Kharj – Saudi Arabia, 2013.

GIVEN TRAINING COURSES

- Communication and Collaboration Skills, NJE – Yarmouk University, Jordan 2017
- Customer Relationship Management, NJE – Yarmouk University, Jordan 2017
- Marketing Skills, NJE – Yarmouk University, Jordan 2017
- Leadership Skills, NJE – Yarmouk University, Jordan 2017
- Total Quality Management, NJE – Yarmouk University, Jordan 2017
- Professional Ethics, NJE – Yarmouk University, Jordan 2017
- PV systems in Jordan – Irbid 2016
- Design and Implementation of solar systems, 2016
- Quality Culture and Change Management – Yarmouk University 2015
- Universities Word Rankings – Istanbul 2015
- Quality Management Systems – Shaqra University 2012.
- Accreditation and Quality Assurance in Higher Education – Shaqra University 2012.
- Student Centered Learning – Dubai - 2014
- Time Management – BAE Systems & Alkhorayef Corp. 2012
- Supervisory Skills - Alkhorayef Corp. 2012
- Communication Skills - BAE Systems 2012
- Managing Meeting Note Taking - BAE Systems 2012
- Planning Skills - BAE Systems 2012
- Managing Conflicts - BAE Systems 2012
- Team Working Skills - BAE Systems 2012
- Information Systems Management, Riyadh-KSA, 2010.
- Modern Office Management (secretary), Riyadh, KSA, 2010.
- Systems Thinking and Knowledge Management, King Abdul-Aziz City for Science and Technology, 2009
- Using the Emerging Technologies in Teaching, Philadelphia University 2006.
- Managing Information Systems, *Amman-Le Meridian*, 2005
- E-Services, *Amman – Le Meridian*, 2005
- Technical Report Writing – Jeddah-KSA, 2014
- MS Excel 2010 Introductory Level, Saudi Hollandi Bank (SHB), 2010-2014.
- MS Excel 2010 Intermediate Level, SHB & KFMC, 2010-2014.
- MS Excel 2010 Advanced Level, SHB & KFMC, 2010-2014.
- MS Excel 2010 for Finance, Aljazeera Vehicles, 2012.
- Charting with MS Excel 2010, KFMC, 2014.
- MS Word 2010 Introductory Level, KFMC 2013-2014.
- MS Word 2010 Intermediate Level, KFMC 2013-2014.
- MS Word 2010 Advanced Level, KFMC 2013-2014.
- MS PowerPoint 2010 Intermediate Level, KFMC 2013-2014.
- MS Outlook Express 2010, KFMC, 2014.
- Excel for Banking – Saudi Hollandi Bank & Albilad Bank - 2012
- Excel for Finance Corporations. Aljazeera Corp. 2012
- Computer Communication and Collaboration Skills, Philadelphia University staff members, 1999.

ATTENDED TRAINING COURSES

- Learning Management System, **Blackboard**, King Saud University, 2010.
- Quality Assurance for E-learning, The National Center for E-learning, Riyadh 2009.
- Building Exams Electronically, The National Center for E-learning, Riyadh 2009.
- Learning Management System, **LIMSEE2**, Philadelphia University, Jordan 2005.
- Synchronized Multimedia Integrated Language (SMIL), Philadelphia University, Jordan 2005.
- Developing Windows Applications using C#.Net-Microsoft Corporation / Jordan, 2004.

ATTENDED WORKSHOPS

- Accreditation Team Member Training and Software Certification (Including Distance Education Program Evaluation), Florida, USA, 2010.
- Preparing the Candidate Application, Florida, USA, 2010.
- Planning for the Candidate Visit, Florida, USA, 2010.
- Maintaining the Accreditation Eligibility, Florida, USA, 2010.
- The Annual Report: Reporting Completion, Placement, and Licensure Data, Florida, USA, 2010.
- Self-Study Workshop, Florida, USA, 2010.
- The Mechanisms for Study Plans and Programs Approval, KSU 2010.
- Quality Assurance and its Applications in Higher Education, Deanship of Quality, KSU 2009.
- Academic Programs Development and its preparation for Accreditation, Deanship of Quality, KSU 2009.
- The Universities between the International Classification and the Accreditation, Deanship of Quality, KSU 2009.
- Information Security, Excellence Center for Information Security, KSU 2009.
- Conducting lectures and seminars to promote Excellence of Teaching.
- Writing Self Study Reports.
- Accreditation Team Member Training Including Distance Education Program Evaluation.
- Maintaining the Accreditation Eligibility, Preparing the Candidate Application, Planning for the Candidate Visits.
- Writing Annual Reports: Reporting Completion, Placement, and Licensure Data.
- Establishment of the culture of QA in the university in general and in the faculty in particular.
- Leading the design process for documenting all QA relevant aspects.
- Creation and Modification of the university procedures according to the QA standards, especially those related to the quality of teaching.
- Developing, implementing, and monitoring different procedures for continuing accreditation and validation of the college's academic programs.
- Cooperating and coordinating with the accreditation and Quality Assurance organizations.
- Developing and implementing measures for promoting, coordinating and monitoring the effectiveness of self-evaluation and quality assurance processes.
- Sharing and disseminating good QA practices with other institutions.
- Liaising with the national and international accreditation bodies.
- Writing different kinds of reports on QA practice.
- Managing and monitoring QA activities at different levels.

COMPUTER EXPERIENCE

- Java, C, C++, C#, Visual Basic, Web Design Languages (HTML, XHTML, JavaScript, VBScript, ASP, CSS, XML, XSL, WSDL, BPEL).
- Dreamweaver and FrontPage.
- Various Multimedia Tools.
- Synchronized Multimedia Integrated Language (SMIL).
- Assembly Programming Language using IBM 360, 370, and 8086 – Pentium Intel Microprocessors.
- Familiar with many Operation Systems, and different simulation packages.
- Setting Up and Installation of Computer Networks.

E-LEARNING EXPERIENCE

- Various Learning Management Systems.
 - Blackboard
 - Knowledge Presenter
 - LIMSEE2 (Open Source)
 - Different Proprietary Development Environments
- E-Learning Developer (I have Developed an Online Course Entitled: *“Introduction to Information Systems”* For Avicenna Virtual University – UNESCO –Paris - 2005)

ACTIVITIES

- Assistant Dean for Accreditation & Quality Assurance at Yarmouk University of Jordan, 2015-2017
- Head of Computer Science Department, Huraimla College for Science and Humanity Studies, & Huraimla Community College - Shaqra University, KSA, May 2011-Present.
- Director of the Accreditation and Quality Assurance Unit–Huraimla Community College - King Saud University & Shaqra University, KSA, 2008-present.
- Vice General Chair for the IEEE/ACS AICCSA 2007 International conference, Amman, Jordan, May, 2007.
- Quality Assurance Officer for Faculty of Information Technology, Philadelphia University 2005-2007.
- Accreditation and Quality Assurance Officer for the Software Engineering Department, Faculty of IT, Philadelphia University 2005-2007.
- Developer of an Online Course for E-Learning "Introduction to Information Systems" for Avicenna Virtual University – UNESCO - Paris, 2005.
- Program and Organization Committees for ISIICT 2002, 2004, 2009 Conferences, Philadelphia University,
- Participated in the First International EUMEDIS conference "Closing the Digital Gap in the Mediterranean Region", Dead Sea, Jordan, 17-18 April 2005.
- Attended and Conducted E-Learning Workshops organized by UNESCO, and the Ministry of Higher Education in Jordan.
- Participated in the curriculum development and design for the newly emerging IT specialties, the MIS and Software Engineering.
- Session Chair on the 1st International Conference on Digital Communications and Computer Applications (DCCA 2007), JUST-Jordan.

Research Assistant (1995 -1997)

- Self-Organization and Approximation Laboratory
- Department of Computer Systems and Networks
- Kharkov State Polytechnic University, Kharkov, Ukraine
- Implemented software development for different approximation methods
- Involved in proposal writings and technical papers publications
- Worked on different machines and software packages
- Attended many conferences, workshops, and participated in many presentations

SERVICE & ACADEMIC ACTIVITIES

University Level

1. Council of Academic Training and Development Center 2005-2008, Member
2. Council of Language Center 2005-2008, Member
3. University Disciplinary Committee 2001-2008, Member
4. Advisor to the Students' Computer Club

College Level

1. Accreditation & Quality Assurance 2014/2015 Member
2. Accreditation & Quality Assurance Higher Committee 2005-2007, Chairman
3. Accreditation & Quality Assurance Higher Committee 2001-2005, Member
4. Faculty Council 2000-2007 , Member
5. HCC College Council 2008-2009, Member
6. Recruitment and Employment Committee, Chairman
7. Curriculum Development Committee, Chairman
8. Examination Committee, Chairman
9. Schedule Committee, Chairman
10. Practical Training Committee, Chairman
11. Graduation Project Committee, Chairman
12. Students Disciplinary Committee, Chairman
13. Scientific Research Committee, member

Department Level

1. Accreditation & Quality Assurance 2014/2015 Member
2. Computer Science Council
3. Software Engineering Council
4. Management Information Systems Committee
5. Assessment Committee
6. Curriculum Design and Development Committee
7. Seminars Committee

Scientific Works, Publications & Conferences

1. *Shehabat, I.M.*, Al-Hussein, N., (2018) "Deploying Internet of Things in Healthcare: Benefits, Requirements, Challenges and Applications", Journal of Communications, vol. 13 issue:10, pp. 574-580
2. Emad Abu-Shanab, *Issa Shehabat*, (2018) "The influence of knowledge management practices on e-government success: A proposed framework tested", Transforming Government: People, Process and Policy, Vol. 12 Issue: 3/4, pp.286-308, <https://doi.org/10.1108/TG-02-2018-0016>
3. *Issa Shehabat*, "Integration between Knowledge Management and Total Quality Management in Jordanian Public Universities: Empirical Study", International Journal of Knowledge IJKSS: Volume 8, Issue 2, Article 4. (2017).
4. Hiba Alsghaier, Mohammed Akour , *Issa Shehabat*, Samah Aldiabat, (2017) " The Importance of Big Data Analytics in Business: A Case Study ", American Journal of Software Engineering and Applications. Vol. 6, No. 4, PP. 111-115. [doi: 10.11648/j.ajsea.20170604.12](https://doi.org/10.11648/j.ajsea.20170604.12)
5. Fadi Mahawrah, *Issa Shehabat*, Emad Abu-Shanab "The Impact of Knowledge Management on Customer Relationship Management: A Case from the Fast Food Industry in Jordan", Accepted for Publication in IJECRM 2016.
6. Emad Abu-Shanab & *Issa Shehabat*, "A Framework for Implementing Knowledge Management in E-Government", accepted for the 15th scientific annual international conference for business 2016.
7. *Issa Shehabat*, "Universities in the Arab World: Challenges and Ambitions to Promote Knowledge-Based Education", Shaqra University Journal, Ref: 1434/8220, ISBN (ISSN): 1658/6549, Volume No.1, November 2013.
8. *Issa Shehabat*, Mohammad Berrish, "E-learning Content Enhanced by Active Knowledge Management Techniques", Proceedings of the 63rd annual conference "we-Learning: Content, Community and Collaboration", Nanyang Technological University, Singapore 2-3rd October, 2013.
9. *Issa Shehabat*, "Case Study: Quick Development of E-Learning Course", Proceedings of REV2010 - Remote Engineering & Virtual Instrumentation Conference, KTH, Stockholm, Sweden, 2010.
10. *Issa Shehabat*, "Design and Implementation of Parallel Subunit for Synthesis Mathematical Models", Journal of computer Science, ISSN 1549-3636, ©2010 Science Publications, Volume 6 No 3, pp. 261-268.
11. *Issa Shehabat*, "Towards Knowledge Based Education", Proceedings of the "World International Conference on Education", WICE-2010 Amman - Jordan.

12. K.A. Maria, R.A. Zitar, **I. Shehabat** & N. Ajlouni, " Modeling of Artificial Emotions and its Application Towards a Healthy Environment", **Book Chapter** " Environmental Management, Sustainable Development and Human Health", RC Press, © 2009 Taylor & Francis Group, London, UK, pp. 229-240.
13. **Issa Shehabat**, Saad A. Mahdi, "E-Learning and its Impact to the Educational System in the Arab World", Proceedings of the "International Conference on Information management and engineering (ICIME 2009)", Organized by International Association of Computer Science and Information Technology (IACSIT), Singapore Institute of Electronics (SIE) April 3-5, 2009, Kuala Lumpur, Malaysia, © 2009 IEEE, pp. 220-225
14. **Issa Shehabat**, Saad A. Mahdi and Kamel Khoualdi, " E-Learning as Knowledge Management Approach for Intellectual Capital Utilization", Turkish Online Journal of Distance Education – TOJDE, *January* 2008, ISSN 1302-6488, Volume 9, Number 1, PP 205 – 216.
15. **Shehabat I. M.**, Al-Dahleh M. Z. "A Method of Reduction of the Microinstructions of Synchronous Digital Systems", Journal of Digital Information Management, Volume 5 Number 6, December 2007, pp. 368-371.
16. Zitar R. A., Hanandeh E., **Shehabat I.**, " Genetic algorithm with neighbor solution approach for Traveling Salesman Problem", Neural Network World, Volume 17 Number 5, 2007, pp. 497-504.
17. **Shehabat ISSA**, Saad A. Mahdi, Kamel Khoualdi, Knowledge Management And Intellectual Capital At The University Environment, proceedings of the 1st International Conference On Digital Communications And Computer Applications (DCCA 2007), p. 569-575, JUST-Jordan
18. **Shehabat ISSA**, Experimental Approach for Developing an E-Learning Course, Proceedings of the 2nd International Open and Distance Learning (IODL) Symposium, 2006, p. 463-471, Turkey.
19. **Shehabat ISSA**, E-Commerce: Infrastructure and Applications, Fourth international conference on problems of informatics and modeling, 25-27 November, 2004 Ukraine.
20. **Shehabat ISSA**, specialized parallel processing unit for data processing by a group method of data handling algorithms, ISIICT, 2002 – Jordan.
21. **Shehabat ISSA**, Increasing the Efficiency of Multiserial Group Method of Data Handling (GMDH) Algorithms on the Bases of the Codon Theory, Information Technologies, Ministry of Higher Education of Russian Federation, Belgorod, 1996, p.64-66.
22. **Shehabat ISSA**, Using the Codon Theory for Synthesis of Mathematical Models, Ministry of Higher Education of Ukraine, KSPU- Vestnik, 21, 1997, p. 94-99.

23. *Shehabat ISSA*, Iterative GMDH-Type Algorithms for Synthesis of Mathematical Models, Ministry of Higher Education of Ukraine, KSPU- Vestnik, 21, 1997, p. 18-24.
24. *Leonov S.U., Shehabat Issa*, Multi processor Systems for Realization the Self-Organizing Algorithms, Ministry of Higher Education of Ukraine, KSPU- Vestnik, 21, 1997, p. 87-93.
25. *Dmitrienko V.D., Shehabat ISSA*, Pipeline Computers for Data Processing by GMDH-Type Algorithms, MicroCAD'96, Kharkov, 1996, p. 20.
26. *Dmitrienko V.D., Shehabat ISSA*, Method of Models Syntheses Using New Self-Organizing Algorithms, Proceedings of international conference in Computer Aided Design and Electronics, Lvov, 1995, p.62.
27. *Dmitrienko V.D., Shehabat ISSA*, Design the Functional Scheme of Pipeline Computing System, Ministry of Higher Education of Ukraine, Kiev-1996, 24p.

ACHIEVEMENTS and AWARDS

- 1) *I was Leading a Technical Team Who Achieved the Accreditation and the Quality Assurance Recognition from the Council on Occupational Education (COE) – USA, at Huraimla Community College, Shaqra University, Saudi Arabia, 2012.*
- 2) *I was leading a Technical Team Who Achieved the Candidacy for Accreditation from the Council on Occupational Education (COE) – USA, In short Time and From the First Application at Huraimla Community College, King Saud University, Saudi Arabia, 2010.*
- 3) *Quality Assurance Recognition Award in Computer Science from the British Quality Assurance Agency (QAA), as a Member of the Quality Assurance Higher Committee (at Philadelphia University-Jordan), 2003.*

PROFESSIONAL MEMBERSHIPS

- **Jordanian Engineers Association (JEA), Amman- Jordan.**
- **Council on Occupational Education (COE, Accreditation & Quality Assurance Organization), USA.**
- **International Association of Computer Science and Information Technology (IACSIT), Singapore.**

REVIEWING ACTIVITIES

1. **Peer Reviewer for many Elsevier Publications**
2. **Peer Reviewer for Many International Journals.**
3. **Peer Reviewer for Many National and International Conferences.**