Dr. Issa Nasser Al-Ghatrifi

Assistant Professor

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Office Location: 11-H-23....

Time at UoN: Since 2022

Marital Status: Married....

Research Gate

Scientific IDs:

Google Scholar

Academic Qualifications

Phd in Technology Management, UTM, 2022

Teaching Activities

Internet Technology INFS103, The course focuses on the general structure of the Internet and the different component that constitute its building blocks. Next, most important internet service, which provide the underlying structure of today's web site; client-side scripting language-which enables web site developers to greatly enhance the end user's experience.

Introduction to Computer in Business INFS141, This course provides an introduction

to business computer systems. Topics include functional components of Computers, Hardware and Software overview, Application Software (Word Processing, Spreadsheet and Database), Business Presentation Techniques, Email and Internet. This course deals with various Networking Technologies and Operating Systems trends. The students also will learn various new technologies in relation with Internet and web based applications. It provides more information about various system and Application Software use and requirements in business organizations.

Systems Analysis and Design INFS204, It demonstrates the tools and techniques in order to develop practical analysis and design of an Information System followed by the descriptions of the system. The process is considered from vague systems conceptualization using soft systems techniques through a process of refinement and verification to a `Unified Modelling Language` based specification. It examines the role of analysis and development in various systems development life cycles. MS Visio will be applied as a tools all design and analysis.

Digital ForensicsINFS408, In this course students will learn digital forensics fundamentals, policies, procedures, and mechanisms. Identification and interpreting electronic data. Data models, concepts and mechanisms for software, hardware and operating systems. Host forensics, network forensics and media forensics. The processes of uncovering and interpreting electronic data. To generate and preserve evidences in its most original form while performing a structured investigation by collecting, identifying and validating the digital information for the purpose of reconstructing past events. In addition, the basics of physical security, incidence response, disaster recovery, business continuity, and forensics.

Emerging Environments in Information Systems INFS402L, This course is a survey course on the fundamental concepts and principles that underlies current and emerging methods, tools, and techniques for the cost-effective engineering of high-quality software systems. It is concerned with different aspects of the software development, from system specification to maintaining the system after it has gone into use. This includes technical processes of software development and the development of tools, methods, and theories to support software development. The course focuses on surveying some of the critical aspects of software engineering such as identifying appropriate design techniques, employing effective verification and validation strategies throughout the software development lifecycle, software maintenance, and software project management.

Research Activities

- Research Interests

Technology Management;

IOT

Information System,

Cloud computing

- Conference Presentations

A systematic review of UTAUT and UTAUT2 as a baseline framework of information system research in adopting new technology: a case study of IPV6 adoption, 6th International Conference on Research and Innovation in Information Systems,, Malaysia, Johor, 03/12/2019

Factors affecting the adoption of IPv6 from IPv4: A systematic mapping study, 1st International Professional Doctoral Symposium 2019 (IPDocS 2019), Malaysia, 30/11/2019

Cloud computing: A key enabler for higher education in Sultanate of Oman, First International Conference on ICT in education and training , Tunisia, 07/05/2012

- Conference Attendance

Oman IR4.0 Summit , Higher College of Technology , 08/07/2018

Free and Open Source Software Conference (III) , Sultan Qaboos University (SQU), 14/02/2017

National Level Research Seminar, Sur university and college, 28/11/2016

conference on Education, Empowerment and Excellence , Indian school Al Ghubra, 23/101/2012

Participated Stage 2 intermediate course in Cambridge IGCSE information and communication Technology (0417), Oamn, Muscat, MOE, 17/02/2012

- Publications

Article:

1. 2023 [Intention to adopt internet protocol version 6 (IPV6) among information technology staff in higher education institutions: An empirical investigation in Oman](#)

2. 2019 [Factors affecting emerging technology adoption in higher education: A systematic mapping study](#)

3. 2019 [A systematic review of UTAUT and UTAUT2 as a baseline framework of information system research in adopting new technology: a case study of IPV6](#)

adoption

4. 2018 [Factors affecting the adoption of IPv6 from IPv4: A systematic mapping study](#)

5. 2017 [Analytical Review on the Stakeholders Perceptions about IPv6 Readiness and their Implications to the Omani Higher Education Institutions](#)

6. 2015 [Cloud computing: A key enabler for higher education in Sultanate of Oman](#)

Book Section:

1. 2021 [Examining the Factors Affecting the Adoption of IoT Platform Services Based on Flipped Learning Model in Higher Education](#)

2. 2020 [Emerging Technologies and Educational Requirements in Engineering Education for the Fourth Industrial](#)

Faculty Administrative Experience

2013 - 2022: Head of Section - UTAS-Nizwa

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