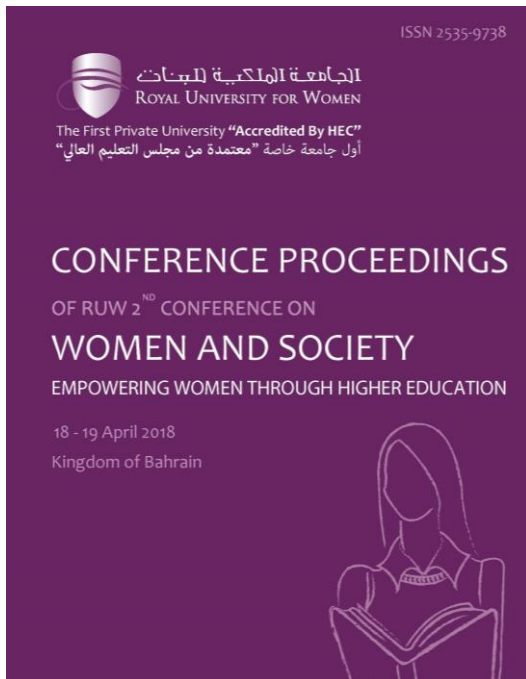




RUW SCIENTIFIC RESEARCH COUNCIL

MONTHLY NEWSLETTER

RUW SCIENTIFIC RESEARCH COUNCIL NEWS



CONFERENCE PROCEEDINGS RUW 2nd Conference on Women and Society

The Conference Proceedings of the RUW 2nd Conference on Women and Society: Empowering Women through Higher Education, have been published under ISSN 2535-9738. Please view the E-Book copy with the following link:

http://www.ruw.edu.bh/conference/conference_proceedings_2018.php

The Conference Report will soon be finalised and made available online and in hard copy.

UPCOMING EVENTS:

- The RUW Library will hold a SCOPUS database training session in September, exact date TBA
- The RUW Scientific Research Council will organise workshops/seminars throughout the 2018-19 Academic Year on various topics of: technical writing, research ethics, and women's studies

HIGHLIGHTS:

RUW Scientific Research Council recommends worthy reads related to Women's Studies:

- 1) Arab Family Studies: Critical Reviews (Gender, Culture, and Politics in the Middle East) by Suad Joseph, Published by Syracuse University Press; July 2018
- 2) The Stillborn: Notebooks of a Woman from the Student-Movement Generation in Egypt (The Arab List) by Arwa Salih and Samah Selim, Published by Seagull Books; April 2018
- 3) From Stasis to Mobility: Arab Muslim Feminists and Travelling Theory by Saiyma Aslam, Published by Oxford University Press; June 2018
- 4) Miriam Cooke: A Pioneer of Middle East Women's Studies by Suad Joseph, research article published by Journal of Middle East Women's Studies, Duke University Press: Volume 14 Issue 1, page 129-132; March 2018
- 5) Keeping the Gates Open by Margot Badran, research article published by Journal of Middle East Women's Studies, Duke University Press: Volume 14, Issue 1, page. 133-136; March 2018

FACULTY RESEARCH ACCOMPLISHMENTS



Dr. Gulnur Coskuner Jasim holds a PhD from Civil Engineering Department from Newcastle upon Tyne University (UK) and she had post-doc research experience at the University of Texas at Austin (USA). She is currently working as Associate Professor at West Virginia University Civil and Environmental Engineering Programme, hosted by Royal University for Women at College of Engineering. She has many publications in peer reviewed international journals with more than 204 citations. She has presented conference papers at different occasions in USA, UK, Turkey and Bahrain.

Dr. Gulnur Coskuner Jasim recently co-authored a research journal paper titled **“Spatial Distribution and Source Apportionment of Air Pollution in Bahrain using Multivariate Analysis Methods. EnvironmentAsia, 11(2), 9-22 (2018)”**. Environment Asia is a peer reviewed international journal published by the Thai Society of Higher Education Institutes on Environment and indexed by SCOPUS. This journal paper has been prepared in cooperation with University of Bahrain. The objective of this paper is to study the spatial distribution of air pollution in Bahrain using multivariate analysis tools such as Hierarchical Agglomerative Cluster Analysis (HACA), Principal Component Analysis (PCA) and Multiple Linear Regression (MLR).



Dr. Pasquale Borea, Associate Professor and Dean of the College of Law, will present a paper at the "Gulf Research Meeting 2018" an annual conference organised by the Gulf Research Centre of the University of Cambridge, UK. The conference will take place at King's College, Cambridge from 1 to 3 August 2018. Dr. Pasquale will present his research titled: "The future of the GCC: Revamping the Regional Integration process through the Khaleeji identity?".

STUDENT RESEARCH

Masters' Thesis:**Master of Design Management, 2018**

Emerging Smart Buildings in Kingdom of Bahrain and Its Impact on Energy Saving Strategies

By: Sharifa Al Shaibani

Supervisor: Dr. Sherif Khashaba

Abstract:

Energy saving is one of the most important elements of a smart building. These days, the world becoming more attentive to energy consumption with the intentions to maintain a healthy and clean environment.

This thesis seeks to discuss the concept and emergence of energy saving buildings within the Kingdom of Bahrain. In this case, energy saving buildings are defined as buildings with Smart Systems and Sustainable Green Buildings. Globally, sustainability plays a major role in development, and the responsibility of shaping the future lies mainly on building and living sectors. The definition of sustainability is to protect the environment by use of alternative natural resources, aiming to save energy and lessen energy consumption. Consequently, the construction of a smart system interference plays an important role in the implementation of the role of sustainability. A building with smart system implementation is physically designed with IT installations which are responsive, flexible and adaptive to the changing needs of the users/organisations inhabiting it throughout its lifetime. These types of buildings supply services for its inhabitants in administration, operation, and maintenance. The systems used are equipped with sensors and actuators to help save energy consumption and limit energy waste. Furthermore, it has the ability to manage the entire buildings system and process by using a multitude of varying devices anytime and from anywhere. Thus, the smart building concept has potential economic benefits in saving energy consumption.

Bahrain is one country embarking on an energy efficiency implementation programme to address environmental challenges and curb energy demand. The Bahrain Vision 2030 aims to achieve long term sustainability in the energy sector and proposes to increase the share of renewable energy to five percent by 2020 and ten percent by 2030. Additionally, according to the housing authority, Bahrain needs to build more than 5000 affordable houses per year. The government, individuals, engineers, and design/architectural firms are seeking a solution to resolve this problem. Therefore, this study aims to cultivate recommendations for investors and decision makers to gap Bahrain's problem of a smart building shortage. The research intends to promote awareness and provide applicable solutions for the design frame and consumers to assist in the emergence of smart buildings; thus, leading to a more sustainable and cleaner future environment.

Moreover, the philosophy of integrating smart energy management systems seeks to offer consumers more socially and economically responsible options. The research methodology of this study gives an understanding of merging the sustainable green building concept together with smart systems. Quantitative and qualitative approaches were followed in data collected through secondary sources, literary reviews of relevant literature. Data was collected from primary and secondary sources. A survey was conducted through primary sources to test the study's hypothesis and provide a case study from participant consumers, interior designers and architects. While secondary sources consisted of a collection of data from books, online sources, and other relevant research areas. After analysis of data, a conclusion combining the two contrasting ideas of sustainable green buildings and smart systems was discovered as the best solution to tackle both problems of high energy consumption and the need to develop a high amount of buildings in Bahrain. The research recommendations will provide a more equipped and cleaner environment for the society.

STUDENT RESEARCH GRADUATION PROJECTS

College of Art & Design

Salwa Emteyaz Ahmed Mukhtar, recently graduated graphic design student created a project titled, '**Corporate Identity Re-Design Project: A Case Study of Al Barakaat Rider's Mart**' supervised by Dr. Abuelainin Mohammed Hussain. The project concentrates on redesigning the company's graphics for it to have an enhanced corporate identity, one which is easily recognisable to promote company recognition. The research is divided into six chapters. Chapter one defines the project aims, description, scope of work and problem statement. Chapter two consists of graphic design terminologies, elements and principals of design, corporate identity, multimedia, web design and then focuses on two case studies: Harley Davidson, an international company, and Biker's Corner, a local company. Chapter three explains the research methodology, an observation of the customers in the shop and an interview with the owner to generate authentic and unbiased results, along with analysis of a survey answered by the customers and clients of the company to understand how they interact with the company and what would improve their interactions. Market research was performed to provide the best, most affordable and safe motorcycle accessories all in one place. Chapter four illustrated the concept design, analysis of concept, sketches, and logo design. Chapter five encompassed project implementation and prototyping: print design, business card, letterhead, envelope, notepad, folder, poster, name tags, company profile, CD cover and sticker, package tag, pencil, t-shirt, tote bag, signboard, roll-up banner, and a responsive website and social website. Chapter six concluded and recommended the business to be a 'one stop shop' company to meet all customer needs.

College of Business and Financial Sciences

Shadya Altamimi, recently graduated International Business student, completed a research project titled, 'Economic Impact of Regional Crisis,' supervised by Dr. Vivien Exartier. Shadya's project analysed the current economic situation of the Kingdom of Saudi Arabia and investigated to determine what is most effecting the governmental welfare budget. She compared 2012, 2014, and 2018 Saudi Arabian economies then assessed different current events: the war in Yemen, the Qatar crisis, the VAT, social reforms, and oil price plummets. Concerning Yemen, she conducted a literary review of 'Guns vs. Butter' to understand defence spending and its impact on national welfare. She found no one country with similarity to Saudi Arabia's situation, yet she was able to conclude through her literary examination the importance a feeling of safety can pose upon a country's economy. Furthermore, she was unable to find reliable information regarding how the Saudi Arabian government was funding the war in Yemen, but overall she found it had little impact on the Saudi economy. Regarding the Qatar situation, it appears that Qatar was affected more than Saudi Arabia because the imports from Qatar to Saudi had more value than the Saudi exports to Qatar. Any economic issues stemming from the Qatar crisis appeared simple for Saudi Arabia to recover from. To understand the effect caused by the VAT, Shadya interviewed several business owners, and from this quantitative approach she found that everyone was concerned about taxes and the effect they would have on sales; however, taxes posed little change on market spending. Social reforms are only expected to have positive impacts on the economy, particularly women driving will allow more women to participate in the job market and potentially create future jobs. Finally, the main cause of Saudi Arabian financial hardships, according to Shadya's findings are the plummeting oil prices. As the country is solely reliant on oil, oil price drops generate a high negative impact on the Saudi economy. Although Shadya concluded there is not one single issue which can be pointed to, oil seems the factor of which everything is in relation to.

College of Law

Isra Alaradi, recently graduated law student, completed her research titled, 'The Protection of Human Rights in Business and Employment: The Duty of States and Responsibility of Enterprises' supervised by Dr. Pasquale Borea. She divided her research into three chapters. The first chapter investigated different international human right laws set by the UN (United Nations) and ILO (International Labour Organisation) which tackle the issue of business related human rights and their impact on states. While chapter two, the cornerstone of the research, defined the 2011 UN Guiding Principles on Business and Human Rights and examined its application on states and enterprises by analysing between the states duty to protect and the enterprises responsibility to respect. While the third and final chapter concentrated on the perception of human rights and business in Bahrain with a focus analysis on women's rights and business, in particular expatriate workers. In conclusion, Isra's findings showed there is a great amount of coherence in Bahrain on the issue of legal responsibility on states and enterprises, especially if the state has set relevant national laws and policies which are consistent with UN and ILO. In Bahrain the labour law guarantees and emphasises on the UN Guiding Principles, particularly in regard to women being treated fairly/equally in private sector business. Isra's recommendations determined the Guiding Principles which are currently 'soft laws' should be progressed into a business and human rights treaty, followed by a distinct law. Overall, Isra felt very passionate towards her research topic after an internship with the Bahrain National Human Rights Organisation, and she intends to explore the matter more deeply in future research.

IN THE REGION

Electoral Consultancy Centre

As a means to prepare candidates and increase the political participation of Bahraini women, the Bahrain Institute for Political Development (BIPD) in cooperation with the Supreme Council for Women (SCW) has launched the 'Electoral Consultancy Centre.' The centre will serve to provide legal, political, media, financial, administrative, and motivational consultation for female candidates in the 2018 elections.

Information Minister and BIPD Board of Trustees Chairman Ali bin Mohammed Al Romaihi addressed the influential role of Bahraini women in political life through their active participation in national work and decision-making during the centre inauguration. He added that the institute has launched several programmes aiming to 'raise political awareness of Bahraini women, enhance capabilities and enable them to exercise the political rights stipulated by the constitution.'

Furthermore, both BIPD and SCW hope the centre will contribute towards inspiring and enriching Bahraini women's political participation in 2018 and future elections.

Those interested in benefiting from the centre's services may contact the centre hotline: 38444090

Global Award for Women's Empowerment

In partnership with UN Women, the Supreme Council for Women (SCW) has launched a global edition of 'Her Royal Highness Princess Sabeeka Bint Ibrahim Al Khalifa Award for Bahraini Women Empowerment.' The award targets working women in both public and private sectors, along with civil society institutions. It will highlight the efforts and contributions made towards empowering women and promoting gender equality, and encourage more initiative approaches and solutions concerning women's empowerment in terms of policies and programming. Most importantly, it will foster creative and inclusive thinking communities to work together to achieve gender equality.

Visit the following link to apply: <http://www.womenglobalaward.org/en>

Leadership Excellence for Women Awards and Symposium set at GDA Conference

The fourth edition of the Leadership Excellence for Women Awards and Symposium (LEWAS) is scheduled to be held on October 25th, 2018 at the Bahrain International Exhibition & Convention Centre as a co-event with Gulf Downstream Association (GDA) Conference. Furthermore, an awards ceremony will be held at the Four Season Hotel, Bahrain Bay, on October 23rd, 2018. The symposium's objective is to celebrate women's professional achievements, learn from well-respected experts, improve upon knowledge and gain networking opportunities. LEWAS began in 2013 under the guidance of Reem Al Ghanim, Saudi Aramco HR Leader, with the aim to empower, engage and elevate women in the energy industry. Since then it has continued to honour both men and women who advocate for gender diversity in the GCC.

In the 2018 event, Sheikh Mohammed bin Khalifa Al Khalifa, Bahrain Minister of Oil, will cover key topics regarding various aspects of gender diversity. LEWAS will have a range of panellists to provide insight on gender diversity, specifically within the energy industry. Submission of application and/or nomination deadline is July 21st, 2018.

<https://www.lewa-symposium.org/home>

ThinkSmart Contract to train Bahraini Women

A memorandum of understanding (MOU) has been signed between ThinkSmart for Development and Training and Alreef Young Ladies Society to provide professional training to young Bahraini women in the FORSATI programme. FORSATI will provide the Alreef Young Ladies Society training in basic subjects of: computer skills, logical thinking, coding and programming fundamentals. Upon completion, the young women are eligible to receive a professional certificate in subjects of cloud computing, web development, and productivity and collaboration. The goal of the programme is to provide training and knowledge to empower young Bahraini women with the development of useful skills to enter the job market.

The Alreef Young Ladies Society is a civil social organisation located in the Northern Government of Bahrain. Its mission is to provide young girls with opportunities to learn and train in modern skills. TradeArabia news reported Chairwoman of Alreef Young Ladies Society, Badreea Al Marzooq, saying, 'Providing this qualitative training to our members in cooperation with Think Smart through the FORSATI programme comes within the framework of the Permanent society's keenness to promote its members and provide them with new skills, encourage them to keep abreast of technological development.'