



جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

SDG 17.2.1

University's Direct
Involvement in or
into National or
Regional Government
Organizations-SDG
Policy

2023-2024

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1. IAU's Waste Water Analysis Lab

Equipment/Service

Gas chromatography coupled with mass spectrometry (GC-MS)

Ion chromatography

High-performance liquid chromatography (HPLC)

Radioactivity Meter

Solid phase extraction system

Furnace

Rotary evaporator

Automatic titration unit

Wastewater/Organic Analysis Lab
☰

Supervisors

Dr. Ismail Anil
Email: ianil@iau.edu.sa
Location: College of Engineering, A13 Building

Equipment/Service

- Gas chromatography coupled with mass spectrometry (GC-MS)
- Ion chromatography
- High-performance liquid chromatography (HPLC)
- Radioactivity Meter
- Solid phase extraction system
- Furnace
- Rotary evaporator
- Automatic titration unit

Laboratory Analysis & Environmental Services Price List
📄

Wastewater / Organic Analysis Lab at IAU

<https://www.iau.edu.sa/en/colleges/college-of-engineering/labs-and-equipment/environmental-engineering-laboratories>

2. IAU's Water Desalination and Treatment Unit



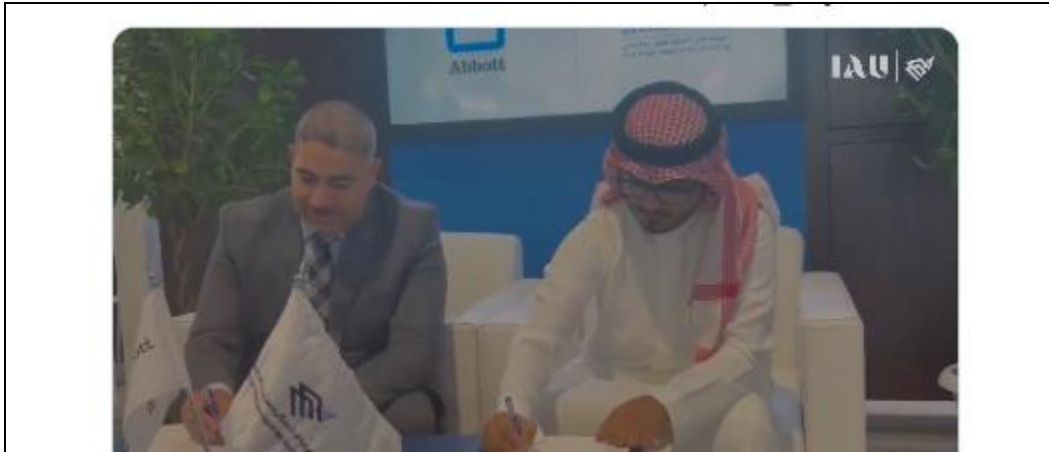
The problem of supplying the population with freshwater is one of the significant issues facing Saudi Arabia, as mentioned in Vision 2030, which includes preserving natural resources by reducing water consumption and reuse it. Various trials occurred to produce freshwater from saline water; this is termed the desalination of water. The unit aims to treat water and find desalination methods using biodegradable and non-consumer energy polymeric materials. Since the polymeric materials are matrices, they act as scavengers of the cations and the anions dissolved in water. Also, the use of the synthesized copolymers as heavy metal adsorbents will be checked for the water product treatment. The polymeric materials are manufactured to display disinfection efficiency to keep the freshwater free from any bacterial growth during and after the desalination process. Exhibiting disinfection efficiency, the synthesized copolymers, as an incoming goal, will be used in the RO dialysate membrane. Moreover, the regeneration of the metal ion from the polymeric matrix and its reduction to the zero state is also our goal challenge. The planning goal of our unit is its use of the synthesized polymeric materials in the agriculture of sand soil as hydrogels.

Water Desalination and Treatment Unit

The problem of supplying the population with freshwater is one of the significant issues facing Saudi Arabia, as mentioned in Vision 2030, which includes preserving natural resources by reducing water consumption and reuse it. Various trials occurred to produce freshwater from saline water; this is termed the desalination of water. The unit aims to treat water and find desalination methods using biodegradable and non-consumer energy polymeric materials.

<https://www.iau.edu.sa/en/administration/centers/basic-and-applied-scientific-research-center/specific-units/water-desalination-and-treatment-unit>

3. IAU Signed a memorandum with Abbott



IAU signed a memorandum of understanding with Abbott in the field of laboratories in the Middle East and North East Africa

The General Manager of King_Fahd_University_Hospital in Al-Khobar, affiliated with Imam_Abdulrahman_Faisal_University Prof. Dr. Mohammed Al-Shahrani, signed a memorandum of understanding with the regional director of the global company (Abbott) in the field of laboratories in the Middle East and North East Africa, Mr. Islam Jaber, on the sides of the Saudi Health Exhibition.

https://twitter.com/IAU_KFHU/status/1719378826969383093

4. Visit by a Team from Johns Hopkins Aramco Healthcare and Gulf Medical Company to KFHU for device inspection




Visit by a team from Johns Hopkins Aramco Healthcare and Gulf Medical Company Limited to King Fahd University Hospital, IAU

Part of a visit by a team from Johns Hopkins Aramco Healthcare and Gulf Medical Company Limited to #KingFahd_University_Hospital; to inspect the latest fragmentation devices in the hospital's urology department.

https://twitter.com/IAU_KFHU/status/1697115006611886499

5. IAU Signed for contract renewal of Medical Training Programs with Royal College of Physicians and Surgeons of Canada



تجديد اتفاقية

بين جامعة الإمام عبد الرحمن بن فيصل والكلية الملكية للأطباء والجراحين بكندا لاعتماد برامج الزمالة الطبية بكلية الطب

Signing ceremony for renewal

Signing ceremony for renewal of contract for medical residency training programs between Imam Abdulrahman bin Faisal University and the Royal College of Physicians and Surgeons of Canada

IAU_KSA

جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

Signing ceremony for renewal of contract for medical residency training programs between IAU and Royal College

Signing ceremony for renewal of contract for medical residency training programs between Imam Abdulrahman bin Faisal University (#IAU) and the Royal College of Physicians and Surgeons of Canada @Royal_College

https://x.com/IAU_KSA/status/1757462014941684195

6. IAU Dental Interns Visit to John Hopkins Aramco Healthcare



Visit of internships at the College of Dentistry, IAU to Johns Hopkins Aramco Healthcare

Visit of internships at the faculty #dentistry To Johns Hopkins Aramco Healthcare to introduce the graduate programs and training courses offered by #Imam_Abdulrahman_Bin_Faisal_University

Many thanks and appreciation to the resident doctors

Dr. Turkish Al-Shahri

Dr. Wajdan Al-Mutairi

For their efforts

<https://x.com/IAUdent/status/1672259427435462656>

7. IAU Signed agreement with Advanced Petrochemical Company



IAU Signed agreement with Advanced Petrochemical Company

With the blessing of His Royal Highness the Prince Saud bin Nayef bin Abdulaziz Al Saud #Emir_of_the_Eastern_Region #Imam_Abdul_Rahman_Bin_Faisal_University and Advanced Petrochemical Company @Advanced_Petro signed a cooperation agreement; With the aim of establishing community partnership between the university and industrial sectors and creating a unit equipped for high-precision simulation in intensive care at the @IAU_CAMSJ College to raise the efficiency of clinical education and training. And scientific research.

https://x.com/IAU_KSA/status/1711777691483910353

8. IAU organized a workshop along with General Electric Company for radiological specialists

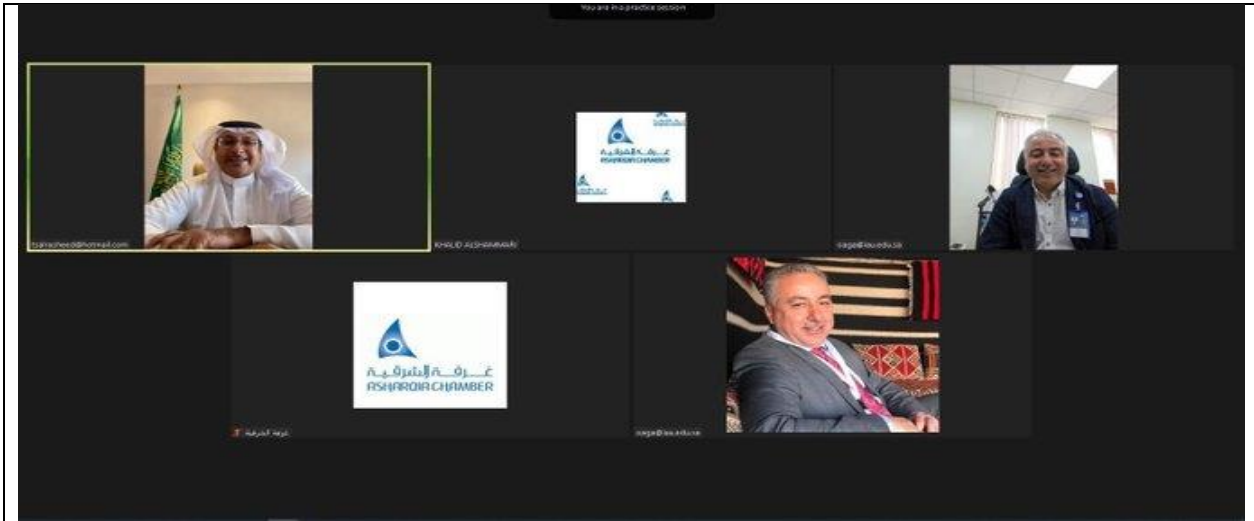


Workshop by IAU along with General Electric Company for Faculty of Radiology Department

The Radiology Department at #King_Fahd_University_Hospital in #Al-Khobar affiliated to #Imam_Abdulrahman_bin_Faisal_University held a specialized workshop attended by specialists from doctors, radiologists and ultrasound technicians, with the participation of General Electric Company.

https://twitter.com/IAU_KFHU/status/1605507848909234176

9. IAU Participation in Environmental Committee Meeting at Eastern Chamber for Sustainability




عُزْمَةُ الشَّرْقِيَّةِ
ASHARQIA CHAMBER
تنمية اقتصادية مستدامة

دعوة لقطاع الأعمال للمشاركة
في لقاء يستعرض ..
الفرص المستدامة وإيجاد
الحلول للمشاكل البيئية
للصناعات بالمنطقة الشرقية

المحدثين
أ.د. عمر أتما
وكيل كلية الهندسة للدراسات
والشراكة المجتمعية بجامعة الإمام
عبد الرحمن بن فيصل

إدارة اللقاء
أ. طلال الرشيد
رئيس لجنة البيئة
عزبة الشرقية

للحضور والمشاركة
عبر منصة ZOOM

لمزيد من المعلومات

الثلاثاء 26 سبتمبر الساعة 10 صباحاً

0138598218 kalammar@Chamber.org.sa

الرعاة الرئيسيون لإعلانات الغرفة

صلة
مجلس التعاون الخليجي
AMMEL
البحرين
Regional Open Region
Industrial Project Management Studies
CIPMS
مجموعة الرشيد
Al Rashid Group

IAU Participation in the Meeting Organized by Environmental Committee at Eastern Chamber for Sustainability

The College of Engineering, IAU had participated in a meeting organized by the Environmental Committee at Eastern Chamber on Sustainable Opportunities and Solutions to Environmental Problems for Industries in the Eastern Province.

<https://twitter.com/AsharqiaChamber/status/1706659305737638113>

<https://twitter.com/AsharqiaChamber/status/1704861814368932103>

10. Visit of the Delegation of the Saline Water Conversion Corporation to IAU



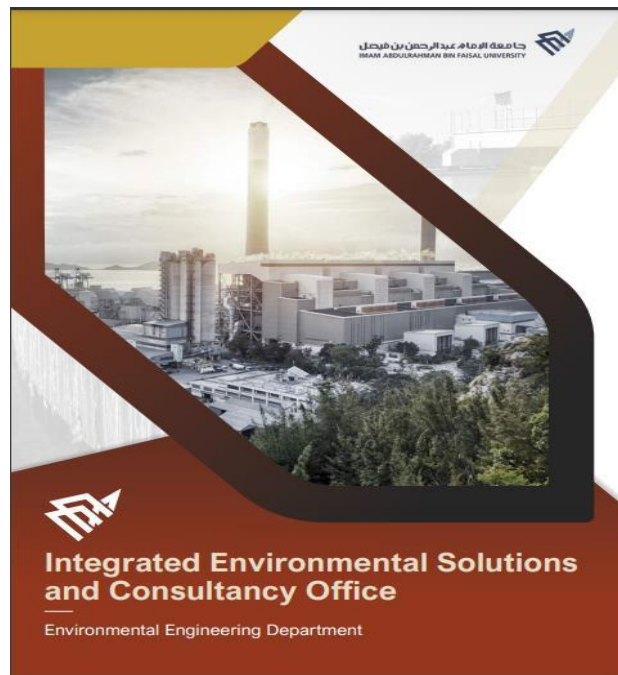
Visit of the Delegation of the Saline Water Conversion Corporation to IAU

Part of the visit of the delegation of the Saline Water Conversion Corporation to Imam Abdulrahman Bin Faisal University, which included a tour of: 1) Research Center, Faculty of Science, 2) Faculty of Computer Science and Information Technology, 3) Faculty of Engineering

https://twitter.com/IAU_KSA/status/1604581022351368192

11. IAU's The Integrated Environmental Solutions and Consulting Center'

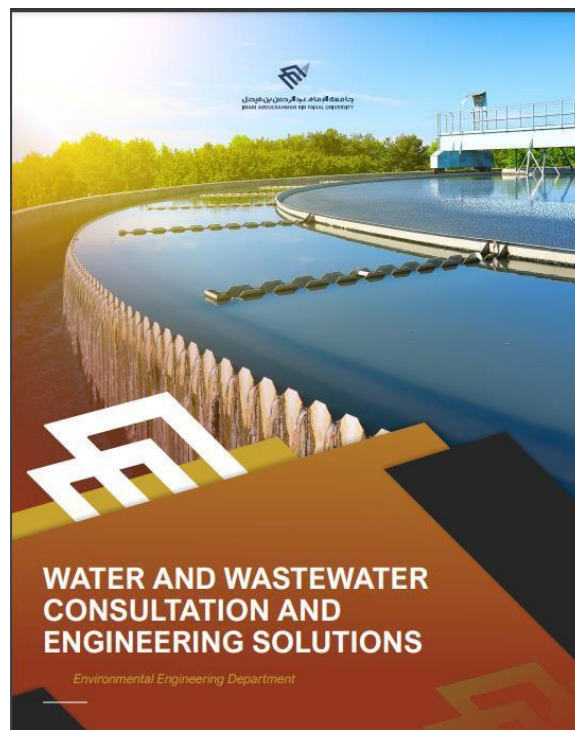
The given PDF file (refer to the Page no. 2 and 3) explains how IAU supports water conservation off campus.



https://www.iau.edu.sa/sites/default/files/resources/general_introduction-compressed.pdf

12. Water and Wastewater Consultation and Engineering Solutions offered by IAU

The given PDF link (refer to Page no. 2) shows the existence of the water/wastewater team in the IAU consultation office specializes in providing solutions for the industry's water treatment challenges. It provides consulting services for both water and wastewater treatment plants. It also offers short courses related to water and wastewater treatment.



https://www.iau.edu.sa/sites/default/files/resources/water_and_wastewater.pdf

13. Signed a memorandum of understanding with the Gulf Laboratory Company for Electrical Equipment Inspection.

His Excellency the President of IAU Prof. Dr. Abdullah Al-Rubaish, signed a memorandum of understanding with the Gulf Laboratory Company for Electrical Equipment Inspection. The company was represented by CEO Eng. Saleh Al-Omari, in the presence of the Dean of the College of Engineering, Dr. Murad Al-Thubaiti.



3:21 PM - Oct 24, 2022

https://twitter.com/IAU_KSA/status/1584520569055490048



14. IAU's Consulting Center for Buildings Energy

The given webpage link (refer to About section and Scope of work section) describes about the “**consulting center for buildings energy**”, a body accredited by IAU Institute of Consulting Studies to deliver training and consulting services in field of engineering related rationalization of energy consumption. Its scope of work includes training, education and workshops in the areas of sustainability, green buildings and energy conservation. It also includes energy efficiency studies and audits of existing buildings; consultations about the efficiency of air conditioning systems; and consultations about the solar energy.

The screenshot shows the website for the Consulting Center for Buildings Energy at Imam Abdulrahman Bin Faisal University. The page features a dark blue header with navigation links: E-SERVICES, EMAIL, STUDENTS, HUMAN RESOURCES, ALUMNI, LIBRARY, ADMISSION, NEWS, EVENTS, JOBS, DIRECTORY, CONTACT, and عربي. Below the header is the university's logo and name in Arabic and English. A search bar is located on the right. A horizontal menu contains links to About Us, Study with Us, Colleges, Research, Community Service, Campuses, Administration, and University Hospitals. The breadcrumb trail reads: Home / Administration / Centers / Institute of Consulting Studies / Services / Experience Houses / Consulting Center for Buildings Energy. The main content area is titled 'Consulting Center for Buildings Energy' and includes an 'About' section with the following text:

About

It is a body accredited by IAU Institute of Consulting Studies to deliver training and consulting services in field of engineering related rationalization of energy consumption.

Vision

Toward a specialized hub for consulting services and training in field of buildings energy.

Mission

High quality services of innovative methods for achieving development socially, economically, and environmentally.


Objectives

- To invest the capabilities available at the university in terms of laboratories, simulation software.

A sidebar on the left contains a list of links: Institute of Consulting Studies, About, Dean's Message, Organizational Structure, Services, Experience Houses, Publications, Gallery, Our Partners, and Contact Us.

<https://www.iau.edu.sa/en/administration/centers/institute-of-consulting-studies/services/experience-houses/consulting-center-for-buildings-energy>

15. IAU Active Participation in Earth Hour-Global Event to the rationalization of Energy Consumption



تشارك جامعة الإمام عبدالرحمن بن فيصل
 في الحدث البيئي العالمي السنوي
Earth Hour | ساعة الأرض

Sat, Mar 25, 2023
 8:30 PM - 9:30 PM

“Earth Hour” – Global Environmental Event followed by IAU

IAU followed the global environmental event “Earth Hour”. For this event, all unnecessary lights and appliances will be turned off for 60 minutes on 25 March 2023 (8.30-9.30 PM) for the sake of the Earth

https://twitter.com/IAU_KSA/status/1639624859494805504




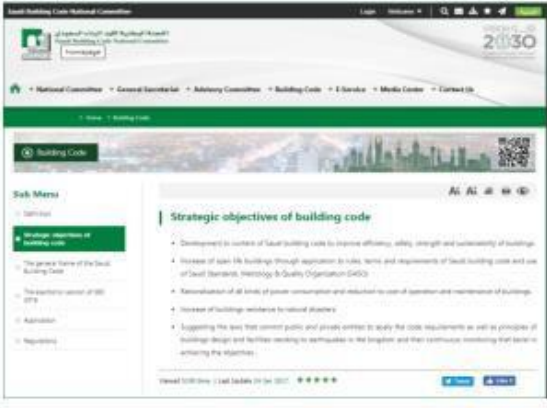
16. IAU' Research Groups

The given webpage link (refer to research groups section) shows the presence of the research groups in the College of Engineering of IAU. The research groups include solar energy group, wind energy group, and air conditioning and energy storage group. These research groups aim to develop, design, and implement practical solutions for contemporary problems in solar energy, wind energy, and air conditioning and energy storage. The objectives of these groups encompass conducting market-relevant commercial research, supervising students, cooperating with research, and publishing high-quality papers.

The screenshot displays the website interface for Imam Abdulrahman Bin Faisal University. At the top, the university's name is written in Arabic and English, accompanied by its logo. A navigation menu includes links for 'About Us', 'Study with Us', 'Colleges', 'Research', 'Community Service', 'Campuses', 'Administration', and 'University Hospitals'. Below the menu, a breadcrumb trail indicates the current location: 'Home / Colleges / College of Engineering / Departments / Mechanical and Energy Engineering Department / Research Groups'. The main content area is titled 'Research Groups' and features a sidebar with links for 'College of Engineering', 'About', 'Dean's Message', 'Vice Deanships', and 'Departments'. The primary focus is on the 'Solar Energy Group', which has an 'Overview' section stating: 'To develop, design and implement practical solutions for contemporary problems in solar energy.'

<https://www.iau.edu.sa/en/colleges/college-of-engineering/departments/mechanical-and-energy-engineering-department/research-groups>

17. IAU Adherence to Saudi Building Code

	
<p>(Precast Concrete insulated panels and Curtain wall) Administration Building- IAU</p>	<p>IAU implement and abide by Saudi Building Code in its all Construction and Electricity plan</p>

https://www.iau.edu.sa/sites/default/files/resources/energy_efficient_building.pdf

18. IAU Active participation in Environmental Week Exhibition



#بيئتك تعرفك
تعرفك بكل سلوك تقوم به

جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
كلية الهندسة | College of Engineering 1

تدعوكم شعبة النادي البيئي بكلية الهندسة بجامعة الإمام عبد الرحمن بن فيصل لحضور معرض أسبوع البيئة تحت شعار #بيئتك تعرفك

يتضمن المعرض محاضرة مقدمة من
الدكتور طلال الرشيدى (رئيس جمعية أصدقاء البيئة)

يوم الإثنين الموافق 20 March
وقت المعرض: 12:00-10:00 Am
الموقع: كلية الهندسة مبنى A13
وقت المحاضرة: 11:00-10:00 Am
قاعة الخوارزمي - A13 الموقع: كلية الهندسة مبنى

Enva_mewa

مبادرة التوعية البيئية 2023
بيئتك تعرفك

IAU invitation for Environmental Week Exhibition

The College of Engineering, IAU invited public and students to attend Environment Week Exhibition under the slogan “Your Environment Knows You”

https://twitter.com/CE_IAU_SA/status/1637697377539612674



Environmental Week Exhibition by IAU

Part of the attendance of the Environment Week Exhibition held in the College of Engineering, IAU under the slogan “Your Environment Knows You”

https://twitter.com/CE_IAU_SA/status/1637777150844469248



SDG 17.2.1

University Direct Involvement



جامعة الإمام عبد الرحمن بن فيصل
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