



جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

مدن ومجتمعات
محلية مستدامة



SDG 11

Sustainable Cities & Communities

Sustainable
Development Report

2024-2025



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1. Awareness lecture on "The Impact of Smart City Applications in Combating Desertification" by IAU

In conjunction with the launch of the **#Green_Homeland_Sustainable_Tomorrow** **#Our_Environment_is_a_Treasure** event, I was delighted today to represent @IAU_Arch at the kind invitation of @IAU_DCP and in collaboration with @ncvcksa , where IAU delivered an awareness lecture titled: **The Impact of Smart City Applications in Combating Desertification.**



<https://x.com/Aboodkoa/status/1920386053124296992>



2. Solar panels usage in IAU

Sustainable measures taken across the campus by installing Solar panels to reduce the electricity consumption thereby promoting less carbon foot print.

Renewable Energy Sources in IAU Campus





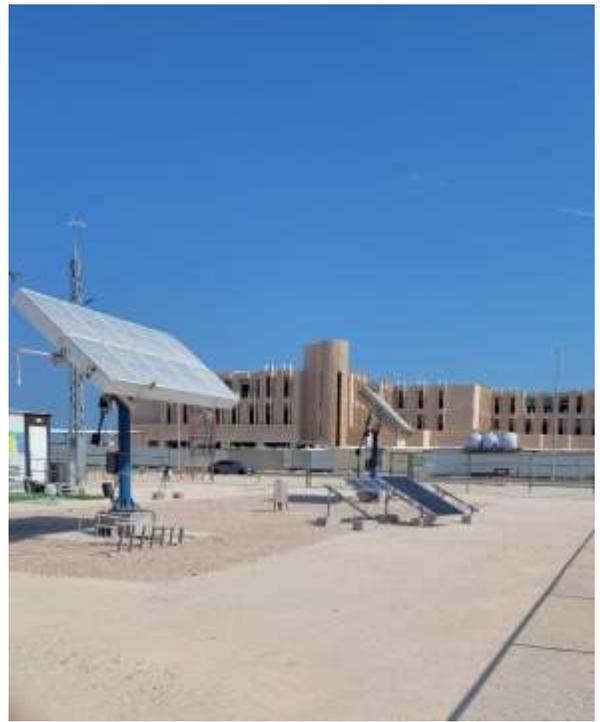
In all IAU Campuses the roofs of the buildings are installed with Solar panels



Solar Plants at IAU Open Spaces for Renewable Energy



Solar Panel as substitute to conventional electricity installed in the campus as part to reducing Greenhouse gas emission



Solar Panel as substitute to conventional electricity installed in the campus as part to reducing Greenhouse gas emission



Solar Panel as substitute to conventional electricity installed in the campus as part to reducing Greenhouse gas emission





Solar Panels spread at IAU Campuses



Solar Panels installed all over the campus to provide energy for the purposes of lighting, heating, cooling, running university laboratories, etc.



3. Wind Power Plants at IAU Campus





4. Energy Efficient Appliance Usage at IAU



OUTDOOR SIGNAGE IN C1-EAST CAMPUS



Example of Energy Efficient Appliances Usage: Solar energy for map direction and board and light outside

EXAMPLES OF SIGNAGE & SOLAR LIGHTS IN IAU CAMPUS



NIGHTVIEW OF SOLAR OUTDOOR SIGNAGE IN IAU CAMPUS



NIGHTVIEW OF SOLAR OUTDOOR SIGNAGE IN IAU CAMPUS



DAY-VIEW OF SOLAR OUTDOOR SIGNAGE IN IAU CAMPUS

5. IAU College of Engineering Students won Second Place for Project producing Biofuel from Coffee Beans

We are proud of the Achievement of the students of #College_of_Engineering from the Department of Mechanical Engineering and Energy, Abdullah Al-Harbi, Jarrah Al-Qassim, Saud Al-Sarhani, Ibrahim Al-Yousifi, and Ghazi Al-Otaibi, who secured second place in the CITEthon Hackathon with their project to produce biofuel from coffee beans.



https://x.com/CE_IAU_SA/status/1912918031505686531

6. College of Engineering of IAU participated in the Solar Energy and Storage Exhibition

Dean of College of Engineering of IAU, Prof. Dr. Fahd Al-Omari, and Head of the Mechanical and Energy Engineering Department, Dr. Mosaid Al-Zahrani, participated in the Solar Energy and Storage Exhibition, and presented two scientific papers that enhance the college's research and industrial role in sustainable energy in support of the Kingdom's Vision 2030.



https://x.com/CE_IAU_SA/status/1983180226118201404



7. IAU Engineering College Students participated in developing the High Concentrated Photovoltaic (HCPV) system

Supported by #ImamAbdulrahmanBinFaisalUniversity, #Engineering College participated in developing the High Concentrated Photovoltaic (HCPV) system in collaboration with King Abdullah City for Atomic and Renewable Energy and the American company "Arzon Solar," achieving highly efficient results under harsh desert conditions and high temperatures.



التصميم الهندسي للهندسة المدنية والبيئية والهندسة المعمارية والهندسة الكهربائية والهندسة الميكانيكية والهندسة المدنية والهندسة المعمارية والهندسة الكهربائية والهندسة الميكانيكية

تطوير نظام الطاقة الكهروضوئية المركزة (HCPV)

استكمال ونجاح للمشروع

بشراكة بين مدينة الملك عبد الله للطاقة الذرية والمتجددة، وجامعة الإمام عبد الرحمن بن فيصل، والشركة الأمريكية "أرزون سولار"

ما هي مميزاتة؟

- فترة نوعية مصممة لتحمل الظروف الصحراوية القاسية ودرجات الحرارة المرتفعة
- تقنية متطورة بعدادات عالية الكفاءة لتكبير ضوء الشمس على كغيا
- شمسية متعددة الطبقات
- 64% هي كفاءة التحويل

إطلاق مشروع المسح الجغرافي لمشروعات الطاقة المتجددة

1,200 محطة لربط الطاقة الشمسية وطاقة الرياح في مختلف مناطق المملكة

أسندت عقود تنفيذ المشروع إلى شركات وطنية

https://x.com/CE_IAU_SA/status/1916507044275798342

8. IAU Engineering College Students participated in the events of the third Renewable Energy Symposium and Exhibition

The #College_of_Engineering of IAU concluded the events of the third Renewable Energy Symposium and Exhibition, after days filled with scientific contributions and fruitful workshops, thanking all participants and supporters for their contributions to the success of this event.



https://x.com/CE_IAU_SA/status/1912930146014703621

9. Participation of College of Engineering of IAU in Energy Debate

#College_of_Engineering of IAU proudly participates with its teams in the Energy Debate at King Fahd University of Petroleum and Minerals, where the college team secured second place 🏆 among the universities of the Eastern Region.



https://x.com/CE_IAU_SA/status/1884486325786604026

10. Participation of College of Engineering of IAU in Energithon Event at King Fahd University of Petroleum and Minerals

As #College_of_Engineering of IAU proudly shares, its team participated in the "Energithon" event at King Fahd University of Petroleum and Minerals as the only team from outside the university, achieving second place 🏆.



https://x.com/CE_IAU_SA/status/1884528765310517480

11. IAU Female Engineering Students achieved two positions at the Second Conference on a Sustainable Green Future

Female students from the College of Engineering (Environmental Engineering Department) at #Imam_Abulrahman_Bin_Faisal_University achieved two positions among the top three at the Second Conference on a Sustainable Green Future in the Kingdom 2025, organized by the Center for Environment and Marine Studies at King Fahd University of Petroleum and Minerals.



https://x.com/IAU_KSA/status/1886644022736724043

12. IAU Participation in "Green Homeland, Sustainable Tomorrow" forum

Under the patronage of His Excellency the **President of #Imam_Abdulrahman_Bin_Faisal_University**, Prof. Fahd bin Ahmad Al-Harbi, #College_of_Engineering was honored by the Vice President of the University for Development and Community Partnership, Prof. Asim bin Abdulrahman Al-Ansari, in recognition of its environmental initiatives and participation in **the accompanying corner of the "Green Homeland, Sustainable Tomorrow" forum.**



https://x.com/CE_IAU_SA/status/1919419153871405218



13. Approval for the Establishment of Saudi Building Code Academy by IAU

The happiness of the Dean of #College_of_Engineering, Dr. Murad Al-Thubaity, appreciates the Cabinet's approval for the establishment of the **Saudi Building Code Academy**, which will mark a qualitative leap **in the development of engineering education, and enhance the academic and technical efficiency of students and engineers in the civil engineering sector.**



https://x.com/CE_IAU_SA/status/1899946964969476345

14. IAU Hosts International Webinar on Higher Education and Sustainability

Dammam – Imam Abdulrahman Bin Faisal University (IAU), represented by the Deanship of Academic Development, hosted an international webinar titled "University Education for Sustainability: Building Skills for Lifelong Impact" on Tuesday, November 26, 2024. The event was attended by Dr. Abdullah Al-Muhaidib, Vice President for Academic Affairs, who emphasized the university's commitment to sustainability through education and its role in empowering faculty members.

The webinar aimed to advance the integration of sustainability in higher education and enable faculty members to adopt practices that align with the Sustainable Development Goals. The event drew 245 participants, including faculty members and national and international experts.



<https://www.iau.edu.sa/en/news/iau-hosts-international-webinar-on-higher-education-and-sustainability>

15. IAU 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.



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

16. Mechanical and Energy Engineering Laboratories at IAU

The given webpage link (refer to Mechanical and Energy Engineering Laboratories) shows the presence of the **Mechanical and Energy Engineering Laboratories** in the College of Engineering of IAU. Among various labs, **the renewable energy lab** is the one that has essential equipment with full instrumentation to allow students to investigate the effective use of **solar energy** as a renewable, environmentally friendly energy source.

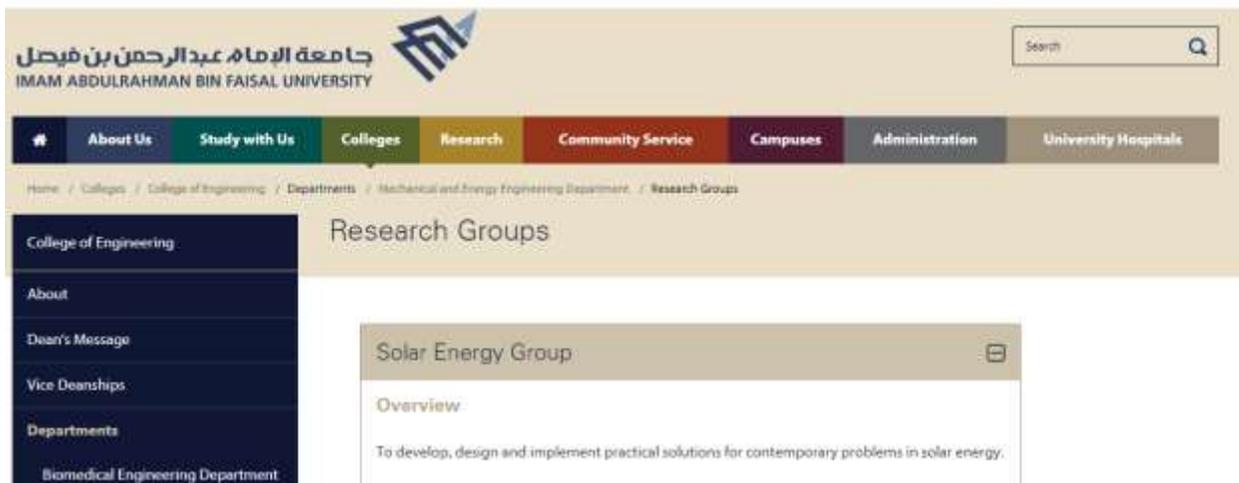


The screenshot shows the website for the Mechanical and Energy Engineering Laboratories at IAU. The page features a navigation menu with options like 'About Us', 'Study with Us', 'Colleges', 'Research', 'Community Service', 'Campuses', 'Administration', and 'University Hospitals'. The main content area lists several laboratories: Thermodynamics Lab, Fluid Mechanics Lab, Refrigeration and Air Conditioning Lab, Heat and Mass Transfer Lab, and Renewable Energy Lab. The Renewable Energy Lab section includes an 'overview' and a brief description: 'The Renewable Energy lab houses some essential equipment with full instrumentation to allow...'

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

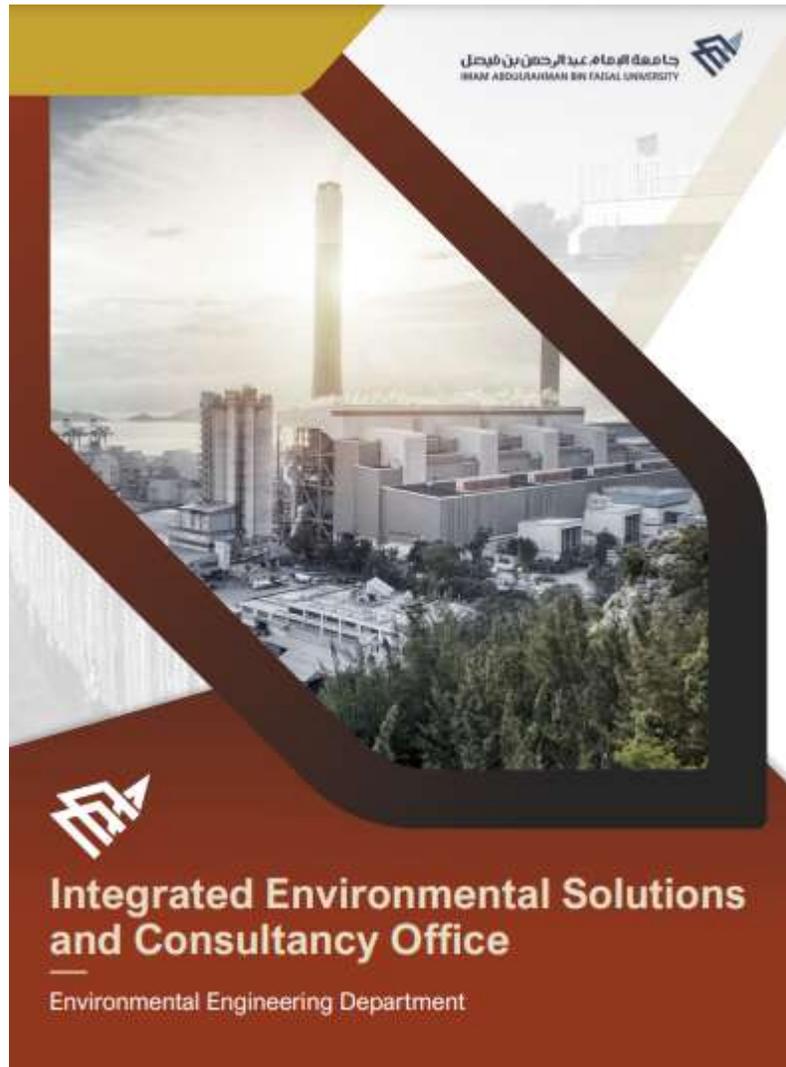
17. Research Groups at IAU for Renewable Energy

The given webpage link (refers 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.



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

18. Integrated Environmental Solutions and Consultancy Office



INTEGRATED ENVIRONMENTAL SOLUTIONS AND CONSULTANCY OFFICE (GAMEP Authorized)



The department of environmental engineering is considered as a pioneer since it is the first department to offer the bachelor's degree environmental engineering in the kingdom of Saudi Arabia.



The Integrated Environmental Solutions and Consultancy Center established by Imam Abdulrahman Bin Faisal University in 2020 and Authorized by the Presidency of General Authority of Meteorology and Environment Protection (GAMEP).



The distinguished experience, expertise, and capabilities are utilized to develop engineering solutions that meet the customers' needs and local standards. The services include providing optimum air quality management and solutions on the indoor/outdoor air pollution and industrial emissions from oil and gas, energy, mining, and minerals sectors.



The Consulting and Engineering Office is dedicated to working with clients to implement compliance solutions using innovative approaches and advanced technologies. The measurement and analysis are conducted following stringent environmental laboratory protocol and best quality practice.



The multi-disciplinary consultants engineering office includes:

01 Environment services including environmental studies, design, and supervision	05 Physical, chemical, and biological procedures and mechanisms accountable for the proclamation, conveyance, alteration and preservation of pollutants.
02 Professional training for environmental specialists and technicians	06 Pollutant control procedures (predominantly the exclusion of trace & toxins or pollutants).
03 Short and long Certificate programs in environmental specialists and engineering field	07 Basic ideologies of physical, chemical, and biological conduct know how for water, wastewater and solid wastes scums or residues from different sources.
04 Third-party inspection and opinion work to ensure compliance with the project specifications, codes, and standards.	08 Pollutant control measures for Air, other contaminants removal from air & its monitoring (gases, Particulate matters & Meteorological parameters etc.).

1. Division of Solid and Hazardous Waste Management



This consultation office offers consultation services, conducting studies, third-party testing, inspection, and training in the field of environmental engineering and waste management, including industrial, medical among all other types of solid waste. In Addition, we offer short courses related to the area of solid waste management. The office is part of the Integrated Environmental Solutions and Consultancy Center established in 2020 by Imam Abdulrahman Bin Faisal University. All laboratory analysis are conducted following an approved environmental laboratory protocol.



Our services include:

- Inspecting, analysis, and assessment of all types of hazardous waste.
- Landfill and incineration design
- Best applicable technology
- Oil waste management and reuse
- Industrial waste collection and disposal
- Medical waste management, disposal, and incineration
- Radioactive waste management
- Contaminated solid purification



2. Division of Wastewater Treatment and Reuse:

water/wastewater team in IAU consultation office specializes in providing solutions for the industry's water/wastewater treatment challenges. We can guide you for the operations of wastewater system, provide troubleshooting, and can help or manage your analytical testing. We offer consulting services for both water and wastewater treatment plants. We offer consultation services, conducting studies, measurements, and training in the field of wastewater engineering, treatment, optimization, reuse, and design.



Our consultation services and laboratory analysis are authorized by the Presidency of Meteorology and Environment (GAMEP).

- Conducting analysis and modeling on the existing design of wastewater engineering systems and finding cost-saving opportunities that provide a return on investment.
- Designing, implementing, and upgrading wastewater treatment systems
- Advice on best practicable and cost-effective solutions for wastewater treatment.
- Wastewater analysis and characterization
- Marine pollution and deep discharge design
- Blue flag services and consultation
- Water footprint calculations and simulations
- Wastewater plant modelling and simulation studies



3. Division of Air Quality and Emission Control

Offering consultation services, conducting studies, third-party testing, inspection, and training in the field of environmental engineering, indoor and outdoor air quality assessment, emission inventory calculation, dispersion modeling, health risk assessment, dose calculation.

- Mobile station air quality monitoring for EIA studies
- Stack Gas Monitoring
- Designing Innovative Air Pollution Control Technologies
- Optimizing Current Air Pollution Control Technologies
- Short courses and training
- Calibration and maintenance
- Bioaerosol Sampling and Analysis
- Noise Pollution Monitoring, Mapping, Modeling, and Control
- Monitoring of Meteorological Parameters
- Air Toxics Health Risk Assessments
- Dispersion Modeling
- Source Apportionment Modelling
- Air Quality Program Management
- Air Pollution and Air Quality Mapping
- GIS maps for measured pollutants
- Source and stack emission monitoring
- Ambient air quality studies
- Mobile lab services
- Environmental management plan (EMP)
- Environmental impact assessment studies (EIA)
- Life cycle assessment studies (LCA)
- Pollutants dispersion modelling (AREMOD)
- Risk assessment and dose calculation
- Auditing and inspection
- Energy efficiency
- Carbon footprint
- Global warming and greenhouse gases
- Ambient/Indoor Sampling, Monitoring, Analysis of Air Pollutants



Mobile Air Quality Monitoring Station



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Integrated Environmental Solutions and Consultancy office

One-Stop-Shop.
Backed up with our well-equipped laboratories enables us to test and diagnose prior to consultation

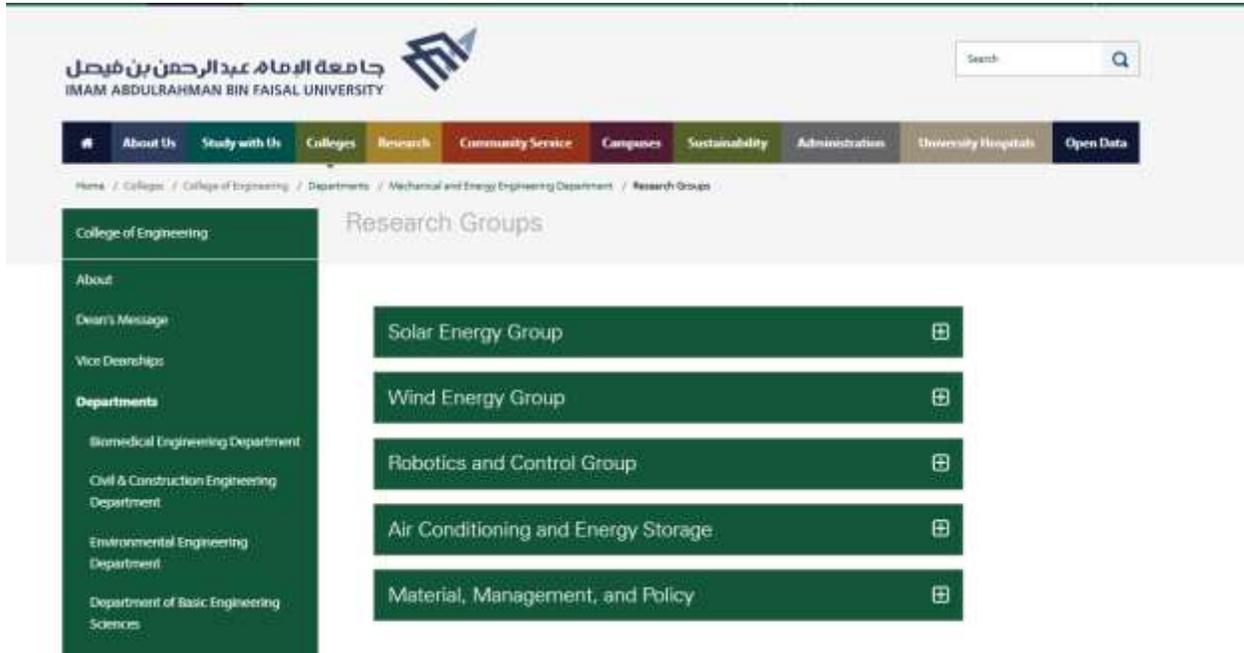


FLIP LINK
<https://simplebooklet.com/Y3PjySVJ0PTkaCE6vOKo5y>

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

19. Research groups on Energy at IAU



The screenshot displays the website for Imam Abdulrahman Bin Faisal University. The header includes the university's name in Arabic and English, a search bar, and a navigation menu with categories like About Us, Study with Us, Colleges, Research, Community Service, Campuses, Sustainability, Administration, University Hospitals, and Open Data. The 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 lists five groups: Solar Energy Group, Wind Energy Group, Robotics and Control Group, Air Conditioning and Energy Storage, and Material, Management, and Policy. A sidebar on the left provides navigation for the College of Engineering, including sections for About, Dean's Message, Vice Deanships, and a list of departments: Biomedical Engineering Department, Civil & Construction Engineering Department, Environmental Engineering Department, and Department of Basic Engineering Sciences.

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

20. IAU Active Involvement in Sustainability related events



Showcase on Diversity of Clean Energy Projects

IAU is more interested with the diversity of projects that it seeks to develop, grow and market, which improves its realistic presence.

https://twitter.com/IAU_KSA/status/1666468662578929664



Involvement of Energy Engineering Program, IAU in Engineering Projects Exhibition

Under the patronage of His Excellency the President Imam Abdulrahman Bin Faisal University Prof. Dr. Abdullah bin Mohammed Al-Rabish, Vice President for Scientific Research and innovation, Prof. Dr. Fahd Al-Harbi, inaugurated the **annual graduation projects exhibition** for College of Engineering, by displaying 48 engineering projects in the specializations of biomedical engineering, **energy engineering**, construction engineering, environmental engineering, and transportation and traffic engineering. In the presence of the Dean of the College, Dr. Murad Al-Thabeti, faculty members and company representatives.

https://twitter.com/IAU_KSA/status/1791090424838336615



“A Scientific Visit by Students of the Renewable Energy Track to Gulf Laboratory to test Electrical Equipment

The 2024 Academic Enrichment Program of Mawhiba Imam Abdulrahman Bin Faisal University (IAU) organized a scientific visit for students of the renewable energy track to the Gulf Laboratory for Testing Electrical Equipment (GCCELAB).

https://x.com/IAU_KSA/status/1818611018345419100



Presenting a project on Solar Panel at Innovative Environmental Solutions Competition

In the Innovative Environmental Solutions Competition at Sadara, with the project:
Developing a smart and self-tracking system for solar panels that directs the panels to the sun's rays during the day without using an electrical energy source.

https://twitter.com/IAU_KSA/status/1665795634291523585



IAU achieves 100% in the Field of Improving Energy Efficiency Consumption 2022

Imam Abdulrahman bin Faisal University obtained 100% in the scorecard for the year 2022 and the excellence award for the first category in the field of improving energy efficiency consumption, during a ceremony honoring distinguished government agencies in improving energy consumption for the year 2022, which was held by the Saudi Center for Energy Efficiency, in the presence of the Vice President for Administrative and Financial Affairs, head of the university's energy efficiency team, Prof. Dr. Abdulwahed Al-Mazrou, and many officials and representatives of government agencies. The university's win came for achieving 100% in the scorecard, which includes achieving levels of commitment in energy consumption after implementing a set of internal initiatives to improve energy consumption rates in all university facilities and buildings and university hospitals, including the application of the necessary standards to raise the efficiency of consumption, the adoption of the necessary models and guidelines, and the holding of technical workshops.

<https://www.iau.edu.sa/en/news/iau-achieves-100-in-the-field-of-improving-energy-efficiency-consumption-2022>



IAU Engineering Students visited the Research Institute at KFUPM

Students of the Engineering Design Principles track in the 2024 Mawhiba Academic Enrichment Program visited the Research Institute at King Fahd University of Petroleum and Minerals (KFUPM). The visit included an introductory tour of a number of laboratories, including energy storage laboratories (supercapacitors and batteries), energy conversion laboratories (solar cells), and the Sustainable Energy Systems Research Center.

https://x.com/IAU_KSA/status/1816793023138746375



Part of the dialogue session "Future Energy and 500 Working Days" by IAU

Hosted by Professor Dr. Fahd Al-Omari and in partnership with the Cultural Club, the session addressed important and enriching topics in the field of energy and its sources.

https://twitter.com/coec_iau/status/1788278005501976664



“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



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https://twitter.com/coec_iau/status/1788278005501976664



تدعوكم
اللجنة البيئية ممثلة بنادي كلية الهندسة لحضور لقاء بعنوان:
Green H2 Energy: Is it a clean source?
هل بإمكان طاقة الهيدروجين الأخضر إمداد العالم بطاقة نظيفة؟

التلاقاء 7 مايو 2024م
7pm - 8pm
عبر منصة زوم

Meeting on Green H2 Energy: Is it a clean source?

Have you ever wondered what role green hydrogen could play in meeting our clean energy needs? To answer many questions, join us in a rich meeting with Eng. Dawood Salman Al-Amir. Aramco Drilling and Workover Operations Excellence and Compliance Division

https://twitter.com/coec_iau/status/1787862647095885952


<p style="text-align: center;">Meeting on Green H2 Energy: Is it a clean source?</p>
<p>Under the patronage of His Excellency the University President, Prof. Abdullah Al-Rubaish “Engineering Hackathon 2024”. To create solutions and achieve creativity in solving contemporary engineering problems, with the participation of 16 teams from various specializations.</p>
<p>https://twitter.com/CE_IAU_SA/status/1784238648138801189</p>



The poster features the EC3 logo at the top center, with the text 'Eco Concrete Composition Competition' below it. A central text box states: 'EC3 aims to design sustainable concrete mixes, reducing environmental impact, optimizing cement usage, incorporating supplementary materials, and promoting recycling.' Below this is a photograph of hands mixing concrete in a bucket. At the bottom, there are two QR codes labeled 'To register:' and 'Competition details:', and a deadline: 'Register now before November 1st'. Logos of the Faculty of Engineering and the College of Engineering are also present.

EcoConcrete Composition Competition

IAU with EcoConcrete is inviting students to participate in EcoConcrete Composition Competition to wonder about how to reduce CO2 emission induced from the manufacturing process of cement used in concrete.

https://x.com/coec_iau/status/1718322693106184564

جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
كلية الهندسة 1

#بيئتك تعرفك
تعرفك بكل سلوك تقوم به

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: 10:00-12:00 Am
الموقع: كلية الهندسة مبنى A13
وقت المحاضرة: 10:00-11:00 Am
قاعة الخوازمي- A13 الموقع: كلية الهندسة مبنى

Envi_mewa

بيئتك تعرفك
مبادرة التوعية البيئية 2023

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

يعلم المجلس الطلابي بكلية
الهندسة عن لقاء
التعريف بمركز صديق البيئة للتدريب
لعرض واختيار الدورات التي سيقدمها خلال الفصل

11:00 - 10:00
ليلاً

الثلاثاء
11 أبريل 2023

طلاب السنة
الخامسة

عن بعد

IAU invitation for Environmentally Friendly Training Center

The Student Council of the College of Engineering, IAU invited students to attend Environmentally Friendly Training Center, Presentation and Selection of Courses that will be offered during the Semester.

https://twitter.com/IAU_ENG_SC/status/1645116132737658882



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

إدارة اللقاء:
 أ.طلال الرشيد
 رئيس لجنة البيئة
 غرفة الشرقية

المتحدث:
 أ.د.عمر آغا
 وكون كلية الهندسة للدراسات
 والشراكة المجتمعية بجامعة
 الإمام عبد الرحمن بن فيصل

للحضور والمشاركة عبر منصة ZOOM

لمزيد من المعلومات

الثلاثاء 26 سبتمبر الساعة 10 صباحاً

0138598218 katabamart@chamber.org.sa

الرعاة الرئيسيون لإعلانات الغرفة

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>

21. Waste management system of the university

Sustainability city needs to handle the waste in a wise manner. At Imam Abdulrahman Bin Faisal University (IAU) the waste are segregated by careful scanning either for reuse or for safe disposal.

يسر جامعة الإمام عبد الرحمن بن فيصل ممثلة بإدارة الشراكة المجتمعية وكلية علوم الحاسب وتقنية المعلومات تحت مظلة الشراكة المجتمعية مع جمعية ارتقاء أن تعلن عن إطلاق النسخة 4 من مبادرة | حاسوبك لا ترميه | لاستقبال أجهزة الحاسب الآلي المستخدمة وإعادة تأهيلها بهدف دعم مسيرة الطلبة العلمية

تستقبل الأجهزة الجديدة والمستعملة: مقر الرابطة: مبنى كلية علوم الحاسب وتقنية المعلومات

الأوقات الممنوعة: من 12:00 ظهراً حتى 2:00 مساءً خلال الفترة من 2/11/2023 - 30/10/2023

www.iau.edu.sa

“Don’t throw away your computer” Initiative of IAU in cooperation with Irtiqa Association

This initiative receives used computers and rehabilitate them to support students’ educational journey.



وزارة التعليم
Ministry of Education
043

جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDURRAHMAN BIN FAISAL UNIVERSITY

المملكة العربية السعودية
Kingdom of Saudi Arabia

(تعميم هام)

معالي / رئيس الجامعة
سعادة / نواب رؤساء جامعة
سعادة عمداء الكليات والمعاهد والمراكز
سعادة / مدير عام مستشفى الملك فهد الجامعي
سعادة مدراء الإدارات

حفظه الله
الموقرين
الموقرين
المؤثر
الموقرين

ويهد-

السلام عليكم ورحمة الله وبركاته ...

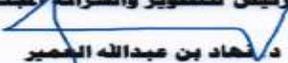
تفيدكم علماً بأن عمادة الاتصالات وتقنية المعلومات أطلقت " نظام مجالس " والذي يختص بإدارة المجالس والاجتماعات الدورية واللجان بشكل الكتروني دون الحاجة للاستخدام الورقي. عليه نأمل من سعادتكم توجيه من يلزم لاعتماد هذا النظام لديكم لما يمتلك من مميزات تساعد على توثيق الاجتماعات والمجالس واللجان والمقدرة على تحديد نوع الاجتماع سواء حضورياً أو عن بعد. لمن يرغب بالوصول الى الخدمة يكون عن طريق اتباع الخطوات التالية :-

- الخدمات الالكترونية < خدمات تقنية المعلومات > نظام مجالس.

كما نأمل منكم تكملاً ترشيح أمناء أو سكرتارية المجالس حتى تقوم عمادة الاتصالات وتقنية المعلومات بتقديم دورة تدريبية خاصة في كيفية العمل على النظام. وذلك بإرسال (اسم المرشح - اسم الجهة - البريد الالكتروني - رقم التحويل) على البريد الالكتروني لمكتب عميد الاتصالات وتقنية المعلومات (DICT.DO@IAU.EDU.SA). في حال وجود أي استفسار نأمل التواصل مع أ. نايف الصوم، تحويلة رقم 33325.

وتقبلوا خالص تحياتي وتقديري ...

نائب الرئيس للتطوير والشراكة المجتمعية
د. نهاد بن عبدالله العصير



البريد الإلكتروني: info@iau.edu.sa | هاتف: +966 13 333 0000 | فاكس: +966 13 333 0333 | ب.ص. 1982، الدمام 31441

رقم: 7242 / 2/2
التاريخ: 1444/10/21 هـ
المنشأة: ب.ع.




Concerning the accreditation of councils, which is concerned with managing councils, periodic meetings, and committees electronically without the need for paper use



Dustbins segregating waste such as plastic, paper and general waste



أمله على توزيع الحاويات الداخلية لإعادة تدوير الورق والبلاستيك في مرافق الجامعة المختلفة

مبنى الإدارة الجامعة الجديدة



عمادة التعليم الإلكتروني والتعلم عن بعد



المكتبة المركزية - الحرم الجامعي الرئيسي



كلية إدارة الأعمال



المعاملات الحسابية



مختبرات كلية الهندسة



كلية الهندسة



كلية علوم الحاسب وتقنية المعلومات







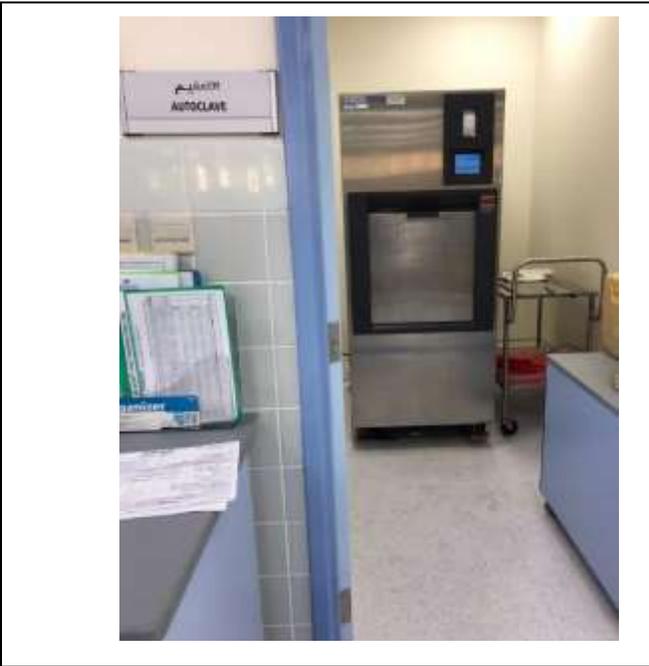
<p>الصالة الرياضية بالراكة</p> 	<p>مسجد اسكان الاعضاء رقم 3</p> 	<p>مسجد اسكان الاعضاء رقم 7</p> 
<p>عمادة تطوير التعليم الجامعي</p> 	<p>مطابع الجامعة</p> 	<p>مستشفى الملك فهد الجامعي</p> 



Medical waste and general waste Collection Room at IAU



1- IAU hazardous waste disposal system



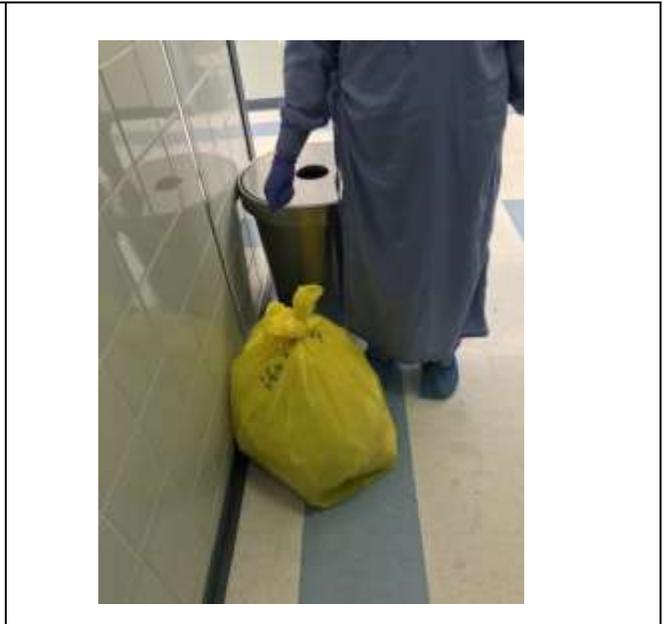
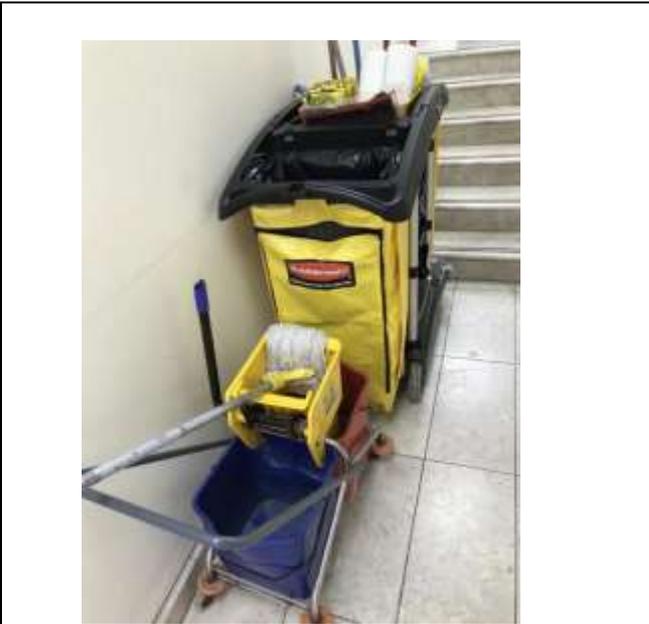
Autoclave

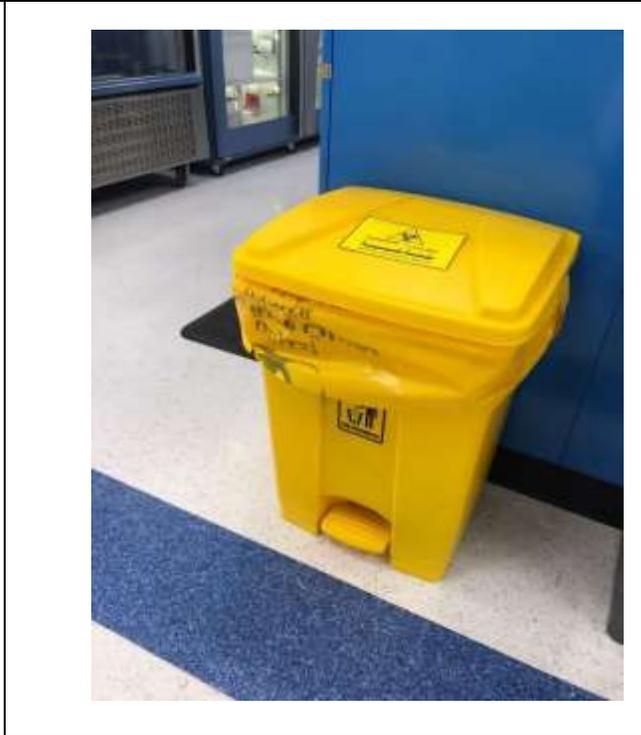
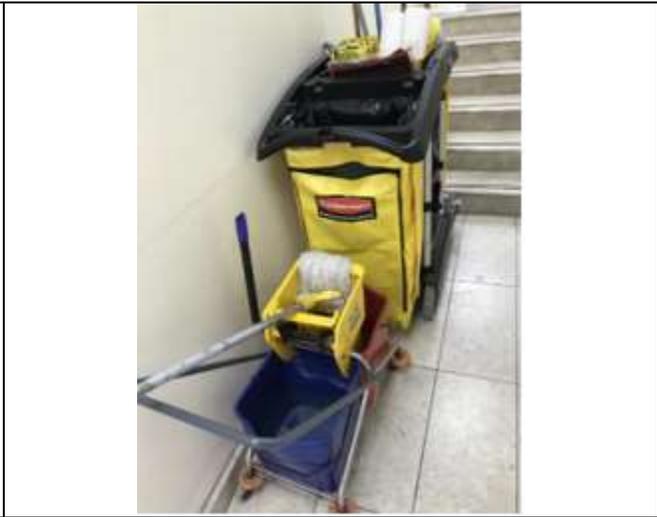


Janitor Room: Medical Waste



Medical Waste disposable box





Toxic waste treatment





Collection of Organic and Inorganic Waste for treatment



"Modeem"- Collecting and Reusing students' excess stationery and materials and offering them to those who need it.



Recycling materials including reusing used Laptops collection campaign

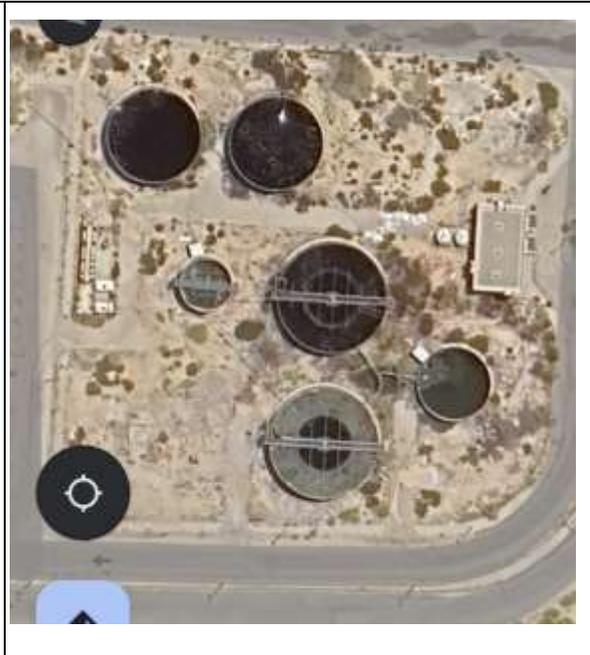
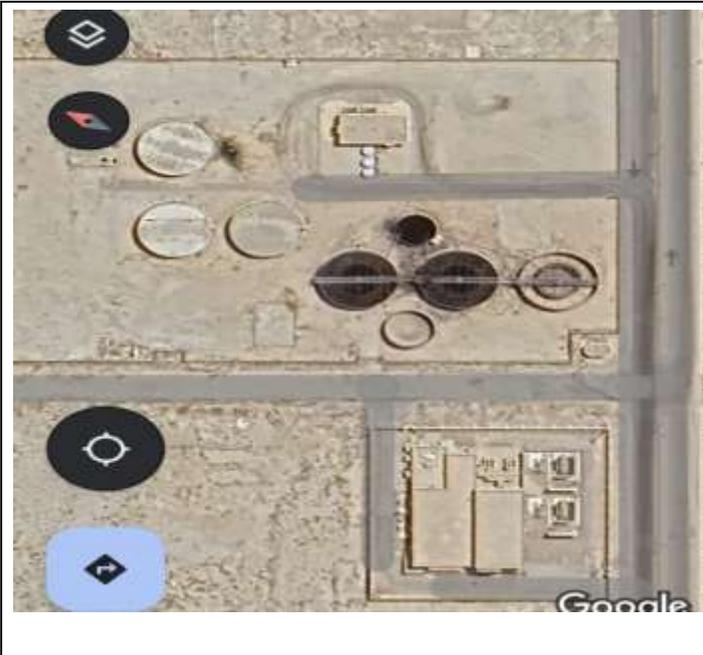


Different Outdoor Color Bins used for Waste segregated as Paper, Plastic and Cans in IAU

22. Systematic Water Recycling process

At IAU, Water is recycled and consumed without polluting the mother nature.

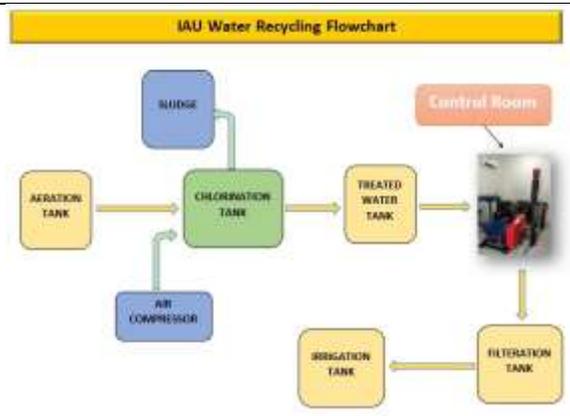




Water recycling tanks in Google maps



On campus biological water treatment plant at IAU



Water Recycling Flow Chart in IAU

Water Recycling Program (IAU, KSA)



Water treatment plant at IAU



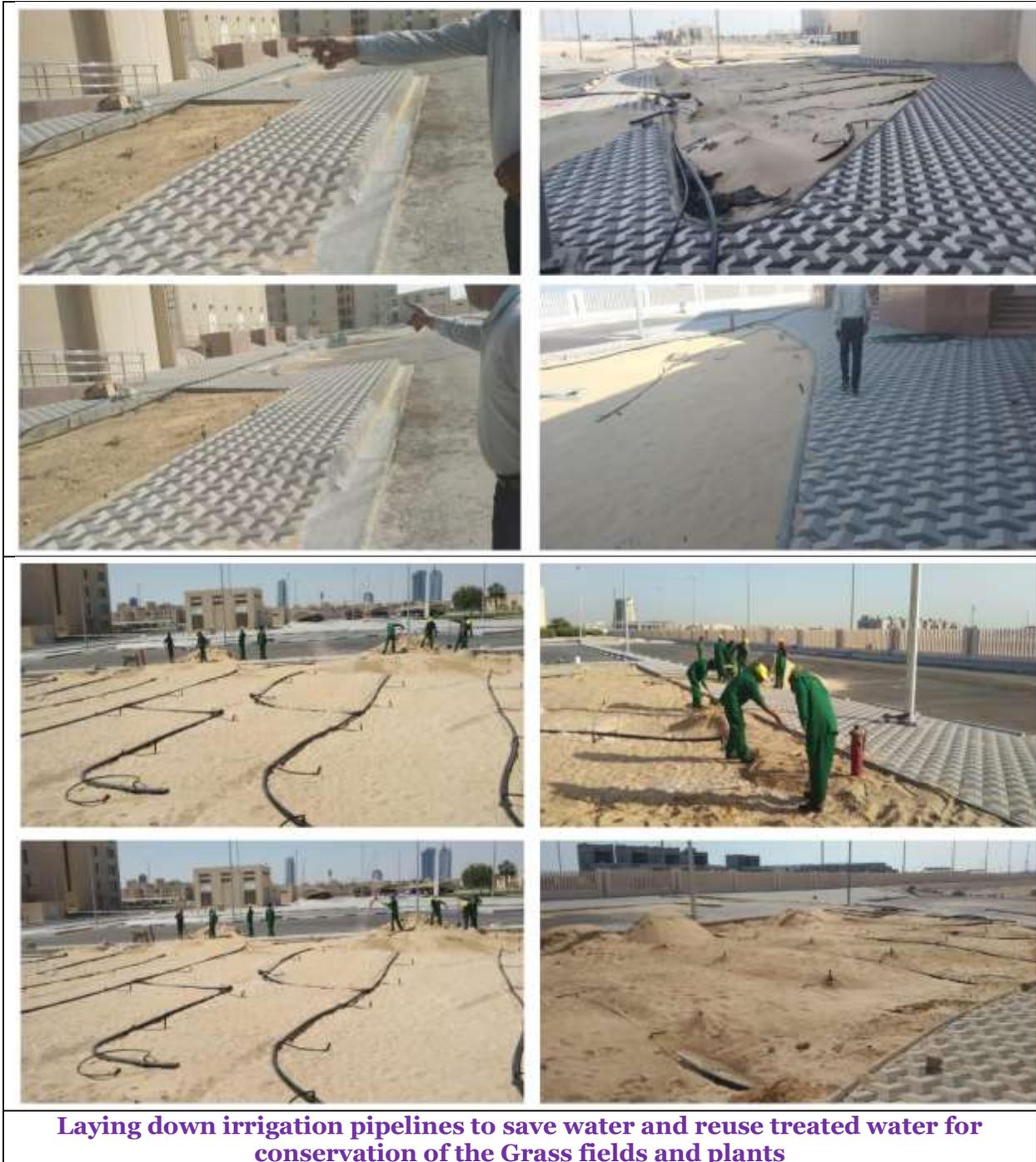
Brakish water well Reverse osmosis desalination, IAU, KSA



Consumption of Treated Water in Water Dispensers at IAU



Treated water consumption at dispensers installed in every college building





Use of the Sprinkler system to nourish Grass fields and plants with water



Use of treated water to nourish Grass fields and plants with water



Plant Irrigation using treated water



Recycled water is utilized for Irrigation and for garden sprinkler system



Treated water is consumed in all Washrooms across IAU



Treated water used in Water Fountains



Plant beds and trees consuming treated water

23. Sustainable Transportation at IAU

Introduction of Shuttles and E-bikes greatly reduced the carbon footprint emitted from the vehicles. IAU is concerned about the Environmental health and promotes the staff and students to use Shuttle services instead of coming to the University in personal vehicles.



Shuttle Bus Services for Students and Faculty at IAU



Shuttle Buses at IAU



Shuttle Bus Fleets at IAU



Club Car (E-cart) Facility at IAU to reduce CO2 emission



E-cart available for Commutation inside IAU



E-Scooter Initiative by IAU to reduce CO2 Emission



An initiative IAU GREEN without CO2, inaugurated by H.E. the President of IAU



E-Scooter initiative in IAU, in an effort to reduce Greenhouse gas emission



E-Scooters on rent for Staff & students, an initiative by IAU, to reduce Greenhouse gas emission



Saudi Gazette @Saudi_Gazette

Dr. Abdullah Al-Rubaish, president of Imam Abdulrahman Bin Faisal University, Dammam, launched the Smart Mobility initiative at the lobby of the College of Architecture and Planning on the university campus. @UOD_EDU_SA

saudi gazette.com.sa
Smart Mobility Initiative launched on Dammam university campus
The Initiative, which was commissioned by the Deanship of Community Service and Sustainable Development, comes as part of using clean energy within the ...

3:30 AM · Oct 1, 2021 · TweetDeck

15 Retweets 45 Likes

جامعة الإمام عبد الرحمن بن فيصل @UOD_EDU_SA

خبار الجامعة |
#جامعة_الإمام_عبدالرحمن_بن_فيصل: تدشين «السكوتر»
«التنقل الذكي» داخل الحرم الجامعي
#IAU
okaz.com.sa/news/local/208...

04 عكاظ الوطنية

جامعة الإمام عبد الرحمن بن فيصل: تدشين «السكوتر»
لـ«التنقل الذكي» داخل الحرم الجامعي

Saudi Gazette (English) National Daily Newspaper published IAU Green initiative News

Okaz Arabic National Daily Newspaper publish IAU Green initiative News

WAYS Solutions are now activated
خدمات ويز الآن مفعلة
ومتاحة لجميع الطلاب

يتشرف جامعة الإمام عبد الرحمن بن فيصل ممثلة بعمادة خدمة المجتمع والتنمية المستدامة إطلاق المرحلة التجريبية لخدمة التنقل الذكي من خلال توليد الطاقة النظيفة داخل الحرم الجامعي بواسطة الدراجات والسكوتر الإلكتروني من خلال تطبيق WAYS

WEAR A HELMET!
ارتد خوذةك!

يوم الزرعة
1443 / 2 / 22
الموافق 2021 - 09 - 29

حمل التطبيق الآن
Download on the App Store
Available on the Google Play

جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
عمادة خدمة المجتمع والتنمية المستدامة
Deanship of Community Service and Sustainable Development

WAYS

WAYS App launched to monitor and guide the E-Scooter riders



SMART TRANSPORTATION INSIDE IAU Campus

Tweet

عمادة خدمة المجتمع وكلية الهندسة
@IAU_dosof

To the university members, before starting your WAYZ ride please read the riding rules and instructions, and to know how to use e-bicycles and the e-scooter in 4 steps to start the journey.

#عمادة_خدمة_المجتمع_والبنية_المستدامة
#جامعة_الإمام_عبدالرحمن_بن_فيصل

IAU
10:50 AM - Sep 30, 2021 · Twitter for iPhone

Steps to ways
خطوات (الرحلة) الرحلة

How to end ride
كيف تنهي الرحلة

Take a picture for your E-bike/E-scooter
Park at ways parking zones

Need support
تحتاج لمساعدة
Look for wayz support team

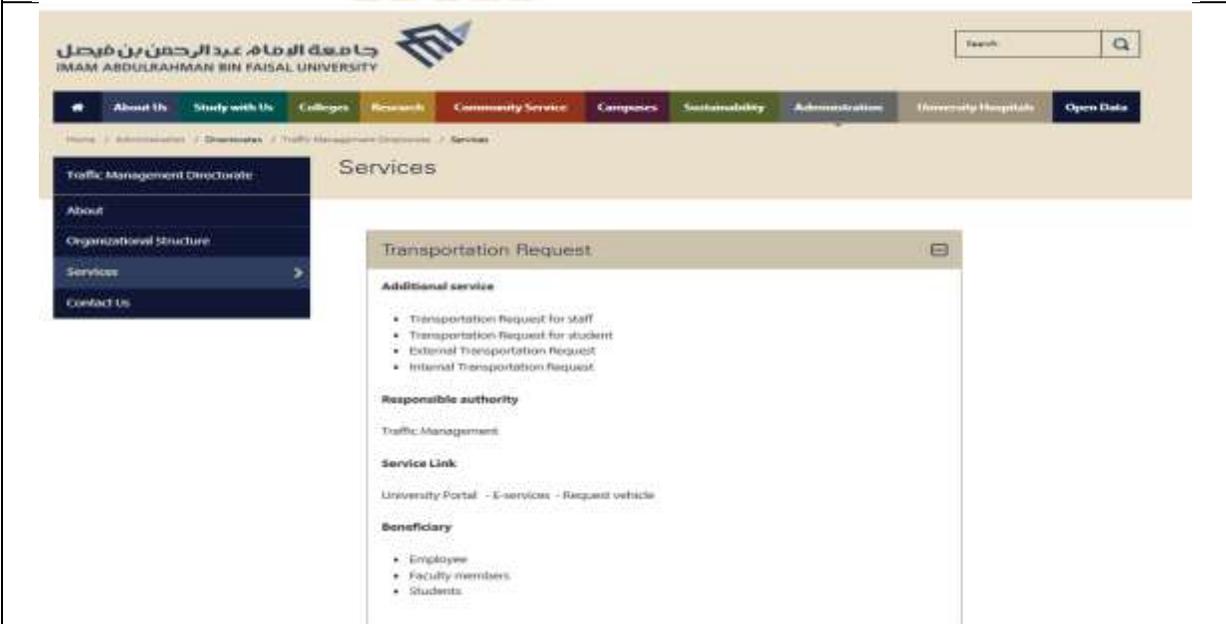
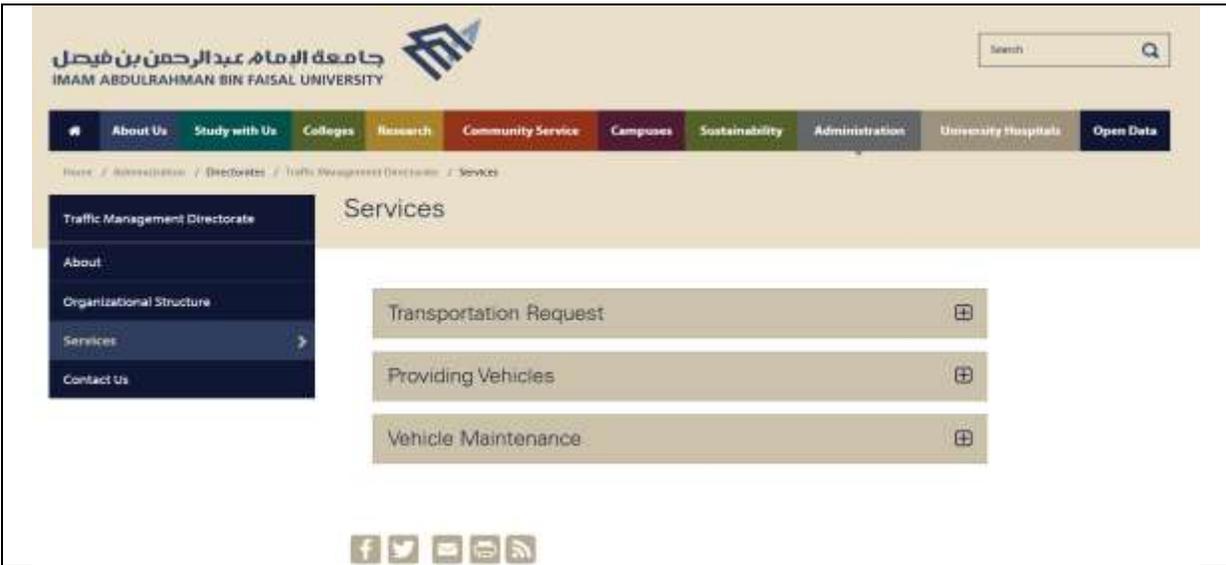
RIDING RULES
إرشادات الركوب

End ride at Wayz parking zones
One rider per vehicle
don't use your mobile while riding
Check the breaks before riding
Be mindful of road obstructions
Do not ride on the sidewalks
You are 16 years and older
A helmet is required

How to end ride
كيف تنهي الرحلة

Take a picture for your E-bike/E-scooter
Park at ways parking zones

Need support
تحتاج لمساعدة
Look for wayz support team



Transportation Request Option at IAU

<https://www.iau.edu.sa/en/administration/directorates/traffic-management-directorate/services>

24. Celebration of Saudi National day and Saudi Founding Day



Happy Saudi National Day Celebrations at IAU

<https://www.iau.edu.sa/en/news/happy-saudi-national-day-92>



IAU Celebrates its heritage; Saudi National day is commemorated in a grand manner at IAU Campuses which is welcomed by the public to make it a majestic success.



25. Green Campaign at IAU



Let's Make Green campaign by IAU

Participation of female students of the Environmental Engineering Department of College of Engineering, Imam Abdulrahman Bin Faisal University, in the “**Let's Make Green campaign**” launched by the National Center for Vegetation Cover Development and Combating Desertification by planting 6,000 mangrove seedlings on the shores of the Arabian Gulf in Qatif Governorate.

https://twitter.com/CE_IAU_SA/status/1607302669139312641



Awareness Program on Plant Pests by KFHU, IAU



Lecture by Prof. Dr. Mohammed Al-Shahrani, KFHU, IAU on Plant Pests

King Fahd Hospital of the University (KFHU) affiliated to the Imam Abdulrahman Bin Faisal University (IAU) represented by the Green Spaces Department, organized an awareness lecture entitled: **“Common Plant Pests and Methods of Combating Them in Correct and Safe Ways,”** presented by representatives from the National Center for the Prevention and Control of Plant Pests and Animal Diseases, WeqaaCenter.

https://x.com/IAU_KFHU/status/1712364692184695184

https://twitter.com/IAU_KFHU/status/1712363110915256398



Planting Tree by H.E. The President of IAU to encourage faculty and students to plant trees later these plants can be track by NABATIK software



Afforestation Initiative led by IAU



Certificate for planting and monitoring the plant thru Nabatik platform



The recording of planting activities using NABATIK platform, in cooperation with Ministry of Environment, Water and Agriculture, Eastern Province, Saudi Arabia

26. Housing



Registration for Student Housing

Housing Registration Form (Male)	
Housing Registration Form (Female)	
Student Housing Regulations	
Rules of Student Housing	
Rules of Student Housing (Female)	
Student Housing Schedule (Male)	
Student Housing Schedule (Female)	

About Student Housing	
Services provided by the Student Housing Department	

<https://www.iau.edu.sa/en/administration/deanships/deanship-of-student-affairs/services/student-housing>

