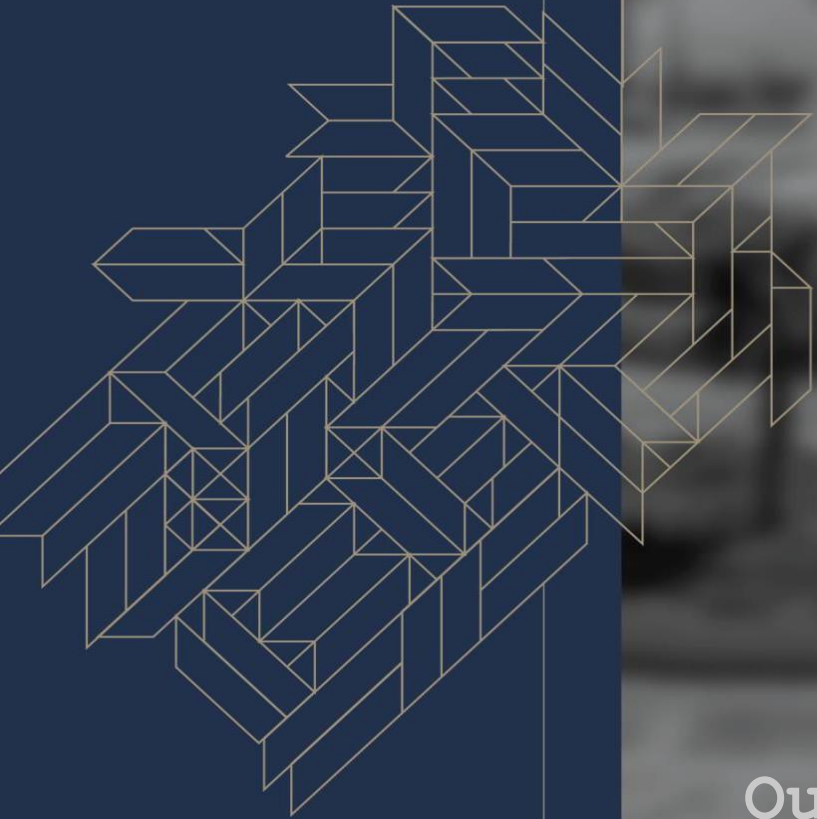




جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY



SDG 7.4.1

Local Community
Outreach for Energy
Efficiency

2022-2023

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1. Workshop on “The Sustainable Kingdom” through National Collaboration

Under the patronage of His Excellency the President of IAU and in the presence of the Vice President of the University for Development and Community Partnership, Dr. Nihad Al-Omair and the College of Engineering organized a workshop entitled: **“The Sustainable Kingdom”** in cooperation with **Saudi Aramco**, at the headquarters of the College of Architecture and Planning.



https://twitter.com/IAU_KSA/status/1605518297738248192

https://twitter.com/IAU_KSA/status/1604409270782640129

2. Workshop on "Energy Efficiency" through National Collaboration

The Engineering Club, in cooperation with the Saudi Center for Energy Efficiency, invites you to attend the "Energy Efficiency" workshop in Al-Khwarizmi Hall in the College of Engineering.



VISION 2030
النادي الهندسي
KAWARIZMI CLUB
مركز كفاءة الطاقة السعودي
Saudi Energy Efficiency Center

يدعوكم النادي الهندسي
بالتعاون مع المركز السعودي لكفاءة الطاقة لحضور ورشة:
كفاءة الطاقة

ماجد عبدالله الهويمل
خبير توعوي

راكان حمود الحربي
خبير تنمية قدرات بشرية

الدعوة عامة

6 نوفمبر 2022
قاعة الخوارزمي

الأحد
12:00 م

CEECM@iau.edu.sa
@EC_club_iau

https://twitter.com/EC_club_iau/status/1588485055260811266

3. IAU Active Participation in Global Event to the rationalization of Energy Consumption

The given IAU Webpage link (refer to 1st paragraph) shows the participation of IAU in **Earth Hour**, a global event by turning off external and unnecessary lights of the university campuses buildings for one hour. This attempt contributes to the rationalization of energy consumption to confront global warming.



<https://www.iau.edu.sa/en/news/iau-participates-in-earth-hour-by-turning-off-buildings-lights>

4. Clean Energy Patent registered by United States Patent Office

The given webpage link (refer to 1st and 2nd paragraph) shows that the United States Patent Office registered a patent to an IAU faculty member (Organic Chemistry), in field of Clean Energy for her innovative method of producing nano-sorbent material consisting of carbon nanotubes grafted with acrylic acid and an acrylamide polymer. The idea of this invention acts as nano filters remove and absorb toxic phenolic materials from industrial wastewater which pose a threat to living organisms.



<https://www.iau.edu.sa/en/news/clean-energy-patent-registered-by-unitedstates-patent-office-for-an-inventor-from-iau>



5. Energy Efficiency related Courses offered by IAU to Student community

The given links describes the courses offered by IAU on Energy Efficiency.

The courses are:

1. Environmental Engineering and Energy Systems 1
<https://www.iau.edu.sa/en/courses/environmental-engineering-and-energy-systems-1>
2. Introduction to Energy Efficiency
<https://www.iau.edu.sa/en/courses/introduction-to-energy-efficiency>
3. Energy Efficiency for Sustainable Development
<https://www.iau.edu.sa/en/courses/energy-efficiency-for-sustainable-development>
4. Energy and Form in Architecture
<https://www.iau.edu.sa/en/courses/energy-and-form-in-architecture>
5. Renewable Energy Projects Management
<https://www.iau.edu.sa/en/courses/renewable-energy-projects-management>
6. Renewable and Sustainable Energy
<https://www.iau.edu.sa/en/courses/renewable-and-sustainable-energy>
7. Energy Policy and Analysis
<https://www.iau.edu.sa/en/courses/energy-policy-and-analysis>

