



Training on the Social Dimensions of Sustainability at Northern Technical University for Staff and Student:

Aligned with the United Nations Sustainable Development Goals (SDGs), Northern Technical University (NTU) demonstrates a strong institutional commitment to sustainable development by integrating both environmental and social sustainability into its academic, operational, and community engagement frameworks. The university recognizes social sustainability as a fundamental pillar for building inclusive, resilient, and equitable societies.

To strengthen awareness and institutional capacity in this field, NTU delivers structured training programs addressing the social dimensions of sustainability. These initiatives include a wide range of workshops, seminars, and educational activities focusing on public health, social well-being, community engagement, equality, and social responsibility. Through these programs, the university seeks to equip students, academic staff, administrative employees, and community stakeholders with the knowledge and practical competencies required to address societal challenges and promote sustainable social transformation.

Northern Technical University actively follows international best practices in social sustainability and participates in initiatives aligned with the SDGs, particularly those promoting social inclusion and human development. The university collaborates with national and international partners to support initiatives aimed at reducing social inequalities and enhancing digital and professional skills development.

NTU plays an active role in advancing social sustainability through institutional policies and awareness initiatives, including the dissemination of diversity, equality, and inclusion principles across the university community. Regular workshops and awareness sessions are organized to train employees and students on inclusive practices, promote social cohesion, and encourage constructive dialogue while combating discrimination and hate speech.

Furthermore, the university conducts specialized training sessions on sustainable development concepts for employees across various departments, emphasizing social justice, equal opportunities, and ethical responsibility. NTU also prioritizes the health and well-being of its community by organizing educational lectures and awareness campaigns addressing women's health, disease prevention, anti-smoking initiatives, and addiction awareness programs.

In addition, NTU supports broader societal wellbeing through initiatives addressing child and family health, community protection, and inclusive social development programs, reflecting its commitment to sustainable societal advancement.

Regarding students with disabilities, the university adopts proactive inclusion measures through its student affairs and support services. These efforts include staff awareness programs, accessible educational resources, and continuous improvement of digital accessibility. NTU also implements initiatives designed to enhance participation, academic success, and social integration of students with disabilities, ensuring an equitable learning environment where all students can succeed.



In conclusion, Northern Technical University's approach to sustainable development integrates social sustainability as a core institutional priority. Through targeted training programs, strategic collaborations, and inclusive initiatives, NTU actively promotes equality, wellbeing, and community engagement, contributing to the development of a more inclusive and sustainable future.

❖ **Below is a sample of training and awareness activities:**

Northern Technical University holds a workshop on creating job opportunities and promoting decent work.



The Northern Technical University (NTU) hosted a specialized workshop titled "[Creating and Promoting Decent Work Opportunities and Expanding Social Security Coverage through Public Works in Nineveh Governorate.](#)" The event was organized by the Rehabilitation, Employment, and Follow-up Division in collaboration with the International Labour Organization (ILO) and with support from the European Union (EU).

Objectives:

- **Enhancing Employment:** Presenting strategic working papers aimed at stimulating job creation within the public works sector in Nineveh.
- **Empowering Youth:** Providing decent work opportunities for graduates and young job seekers to ensure economic stability.
- **Expanding Social Protection:** Promoting the expansion of social security coverage to include a wider range of the workforce.



- Strategic Partnerships: Strengthening cooperation between government agencies, trade unions, and international organizations to highlight programs that support youth-led projects and sustainable employment strategies.

Northern Technical University organizes a workshop on occupational safety and first aid



Objectives:

- Preventive Awareness: Establishing occupational safety standards in the workplace.
- Emergency Response: Equipping staff with first aid skills and rapid incident handling.
- Institutional Readiness: Strengthening coordination to mitigate workplace risks.

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Northern Technical University Organizes a Training Workshop Titled “Save a Life”



The Northern Technical University organized the "[Save a Life](#)" training workshop as part of the "Your Health First" initiative. It focused on first aid fundamentals and practical lifesaving techniques, equipping staff and students with essential skills to effectively handle various medical emergencies.

Northern Technical University organizes a drawing workshop entitled (Child’s Drawing)...



The Northern Technical University organized a "[Child’s Drawing](#)" workshop for employees' children (ages 5–12). The session focused on teaching fundamental artistic techniques in an engaging environment, fostering creativity and joy through elementary drawing instruction led by the University's Art Division specialists.



Department of Environment and Water Resources Techniques Conducts Workshop on Renewable Energies



The [workshop](#) addressed energy consumption statistics, power generation mechanisms, and renewable energy systems, with a specific focus on hydroelectric power and hydraulic turbine operations. Key technical discussions centered on water kinetic energy exploitation and the simulation-based testing of turbine efficiency for sustainable electricity generation in Iraq.

Technical Research Center Hosts Workshop During Iraqi Anti-Drug Week



The workshop addressed "[Leukemia: Challenges and Scientific Prospects,](#)" focusing on pathological and hematological advancements. Held during Iraqi Anti-Drug Week, the session



explored clinical diagnosis, treatment complexities, and future research trajectories in hematology to enhance medical understanding of blood-related malignancies.

The Technical Research Centre in collaboration with the Women’s Empowerment Division of the University organized a scientific symposium entitled (cervical cancer causes and prevention)



The symposium addressed cervical cancer pathophysiology, focusing on risk factors, symptomatic identification, and early detection techniques. Key discussions emphasized HPV vaccination programs, routine screening protocols for women aged 20–64, and the critical role of periodic diagnostic swabs in mitigating malignant tumor progression.

Symposium Highlights Essential Steps for [Breast Cancer Prevention](#)





The symposium focused on breast cancer pathophysiology, analyzing both controllable lifestyle factors and uncontrollable risks like aging. It emphasized early detection protocols, inter-departmental healthcare collaboration, and the implementation of regular screening programs to improve women's health outcomes through preventive medicine and informed lifestyle modifications.

NTU campaign against: Drugs Smoking The phenomenon of harassment

الوقاية من المخدرات

تعد أفضل طريقة للوقاية من إدمان المخدرات هي عدم تعاطيها على الإطلاق، أما في حال وصف الطبيب لأي من أنواع الأدوية المسببة للإدمان فإنه ينبغي أخذ الحيلة والحذر عند تناول هذا النوع من الأدوية والتابع تعليمات الطبيب كما هي كما يجب الوقاية من الانتكاس في حال الشفاء من تعاطي المخدرات، عن طريق الالتزام بالخطة العلاجية، وتجنب المواقف التي تزيد فرصة تعاطي المخدرات، وطلب الرعاية الطبية الفورية عند تعاطيها مجدداً، ومن الإرشادات التي يمكن تقديمها لوقاية الأطفال والمراهقين من تعاطي المخدرات ما يأتي:

التواصل: يجب التحاور مع الطفل وتوعيته حول مخاطر استخدام المخدرات.

الاستماع: يُنصح بالاستماع للطفل عند تحدّثه عن الضغط الذي يتعرض له من قبل أقرانه، ودعم جهوده لمقاومة هذا الضغط.

تقوية العلاقة والروابط مع الطفل: إذ يقلل ذلك من خطر تعاطي الطفل للمخدرات أو إدمانه عليها، كما يجب تقديم فحوات حسنة للأطفال بعدم تعاطي الوالدين للمخدرات.

www.ntu.edu.iq

إعداد
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NTU organizes a workshop on The causes and treatment of Infertility.



The course addressed the pathophysiology of infertility in both genders, focusing on diagnostic distinctions between infertility and sterility. It emphasized lifestyle modifications, early clinical intervention, and the necessity of specialized fertility centers and family support systems to manage the increasing socioeconomic impact of reproductive health challenges.

Homeland No Drugs



The panel discussion focused on drug and psychotropic substance awareness, emphasizing the preservation of psychological and physical health. It aimed to foster positive citizenship, educate students on the destructive effects of substance abuse, and encourage student-led media initiatives to promote community immunity and a drug-free environment.

Northern Technical University hosts a scouting activity entitled ([University Forum for Group Pioneers](#))...



The forum focused on enhancing scouting values and environmental conservation through collaborative activities. It aimed to strengthen fraternal bonds among 52 participating universities by hosting cultural evenings, sports, and social events designed to foster teamwork, creative communication, and leadership skills among Iraqi university students.

Here is some sustainability community services project organized by NTU and involving students





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Northern Technical University events related to Sustainability





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Northern Technical University Organizes a Tree Planting Campaign on Mother's Day:
Please refer to the link below:

<https://www.facebook.com/share/p/1bPQA1pg11/?mibextid=wwXlfr>

The Northern Technical University, in the presence of the Chairman of the Provincial Council and in cooperation with the Nineveh Agriculture Directorate, is unique in launching the first tree-planting campaign, which was launched by the Chairman of the Nineveh Provincial Council from the premises of our university in the Rashidiya site.

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The French Consul in Nineveh Governorate, accompanied by a delegation representing the French Development Agency (AFD), visited the Small and Medium Enterprises Carnival, which was organized by our university in cooperation with the Nineveh Agriculture Department. He

From its president 🍀🍀🍀 Professor Dr. Alia Abbas Ali Al-Attar 🍀🍀🍀 Our Northern Technical University participated in the major afforestation campaign, which included the head of the Afforestation Division, the head of the Afforestation Unit, and members of the

was received by the Director of the Quality Assurance Department, Dr. Nabil Mukhlef Abdul Razzaq, and a number of department directors in the university presidency.

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Volunteer Committee in the University Presidency and university students, with the participation of 25 government departments. The campaign will be from the Northern Technical University / Rashidiya site, in cooperation with the Nineveh Agriculture Directorate, in the presence of the University President.

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Pistachio Cultivation Event Initiative

Please refer to the link below:

https://youtu.be/snVUv_uNpNg?si=yRdkhHNapN1407eW



Event of planting citrus and jacaranda trees

More than 3500 trees are planted through this event.

<https://964media.com/8264/>







Recycling organic waste and turning it into organic soil by collecting waste from within the Northern Technical University instead of burning or throwing it in containers

<https://www.facebook.com/100088411089966/videos/377494635349739/?mibextid=jmPrMh&rdid=GPA5EclbG7UF5Bbv>

Northern Technical University's annual flower exhibition on the grounds of AlShuhadaa' Park.

<https://facebook.com/100064810956277/posts/868306758673015/?mibextid=WC7FNe&rdid=Q9xD3VXHLP3idQtK>

Small and medium enterprises exhibition, organized by the Northern Technical University in cooperation with the Department of Agriculture in Ninevah province, for more information, you can refer to the link:

<https://www.facebook.com/share/r/zcBnjHLC9RqqrboK/?mibextid=UalRPS>



<https://www.facebook.com/100064810956277/posts/916253207211703/?mibextid=WC7FNe&rdi d=XRjWJTO5EemdlZgL>
<https://www.facebook.com/100064810956277/posts/916253207211703/?mibextid=WC7FNe&rdi d=YUj76LKAzuxrZRCa>

Here are some events (training, awareness raising, workshops, and conferences) title that were held on Northern Technical University campuses:

The Role of Education in Sustainable Development Course	https://www.facebook.com/share/p/1B DiD1e5wK/
Sustainable Efficiency in Accelerated Industrialization	https://www.facebook.com/share/p/15 4nUhrT7Y/
The Role of Good Governance in Sustainable Development	" https://web.facebook.com/TechAdmin Mosul/posts/pfbid0yMEBx8bJPEaqz oy6LkBu2F7L26D2SKxt4ZouVvG6keqxe AcB7AvXg53gGx25K8BI "
Decent Work and Human Security Workshop	https://www.facebook.com/share/p/1e zf5QaRDk/
Climate Change Disclosure	https://www.facebook.com/share/p/18 oCqNtugW/
Sustainable Manufacturing Ethics Course	https://www.facebook.com/share/p/19 G6WDGcmL/
Education for Sustainable Development Workshop	https://www.facebook.com/share/p/1 UGTxrBdkP/
The Role of Accounting in Promoting Sustainable Development	https://www.facebook.com/share/p/16 GYs1K73j/
Green Economy Workshop	https://www.facebook.com/share/p/1C xM3kKkW5/
Film Screening on Green Management and Clean Energy	https://www.facebook.com/share/p/1B DiD1e5wK/
Financial Engineering in Achieving the Sustainable Development Goals Workshop	https://www.facebook.com/share/p/15 4nUhrT7Y/
Factors for selecting the best location for solar farms using GIS software	https://www.facebook.com/share/p/1T w2QUTste/?mibextid=wwXlfr
The role of real estate marketing in sustainable development	https://www.facebook.com/share/19jH kbecW2/
Social protection systems to enhance community cohesion	https://www.facebook.com/share/p/1L 3kRyBTtC/
Diversity of Microorganisms in Salt and Their Applications	https://kmtc.ntu.edu.iq/uncategorized/%d9%83%d9%84%d9%8a%d8%a9-



	<p>%a7%d8%aa- %d8%a7%d9%84%d9%83%d9%84%d9 %8a%d8%a9- %d8%a7%d9%84%d8%b5%d9%86%d8 %a7%d8%b9%d9%8a%d8%a9- %d9%81%d9%8a- %d9%83%d9%84%d9%8a/</p>
The Role of Microorganisms in Achieving Sustainable Development	<p>https://kmtc.ntu.edu.iq/uncategorized/ %d9%83%d9%84%d9%8a%d8%a9- %d8%a7%d9%84%d8%aa%d9%82%d9 %86%d9%8a%d8%a7%d8%aa- %d8%a7%d9%84%d8%b5%d8%ad%d9 %8a%d8%a9- %d9%88%d8%a7%d9%84%d8%b7%d8 %a8%d9%8a%d8%a9- %d9%83%d8%b1%d9%83%d9%88%d9 %83-%d8%aa%d9%82-2/</p>
Good Health and Well-being	<p>https://kmtc.ntu.edu.iq/uncategorized/ %d8%b6%d9%85%d9%86- %d9%86%d8%b4%d8%a7%d8%b7%d8 %a7%d8%aa- %d8%a8%d8%b1%d9%86%d8%a7%d9 %85%d8%ac- %d8%a7%d9%84%d8%aa%d9%86%d9 %85%d9%8a%d8%a9- %d8%a7%d9%84%d9%85%d8%b3%d8 %aa%d8%af%d8%a7%d9%85%d8%a9- %d9%84/</p>
Using Artificial Intelligence to Achieve Sustainable Development	<p>https://kmtc.ntu.edu.iq/uncategorized/ %d8%b6%d9%85%d9%86- %d9%86%d8%b4%d8%a7%d8%b7%d8 %a7%d8%aa- %d8%a8%d8%b1%d9%86%d8%a7%d9 %85%d8%ac- %d8%a7%d9%84%d8%aa%d9%86%d9 %85%d9%8a%d8%a9- %d8%a7%d9%84%d9%85%d8%b3%d8 %aa%d8%af%d8%a7%d9%85%d8%a9- %d9%84-2/</p>
The Role of Microorganisms in Plant Growth and Cultivation	<p>https://kmtc.ntu.edu.iq/uncategorized/ %d8%b6%d9%85%d9%86-</p>



	<p>%d9%86%d8%b4%d8%a7%d8%b7%d8%a7%d8%aa-%d8%a8%d8%b1%d9%86%d8%a7%d9%85%d8%ac-%d8%a7%d9%84%d8%aa%d9%86%d9%85%d9%8a%d8%a9-%d8%a7%d9%84%d9%85%d8%b3%d8%aa%d8%af%d8%a7%d9%85%d8%a9-%d9%84-3/</p>
Health Benefits of Using Crude Salt	<p>https://kmtc.ntu.edu.iq/uncategorized/8077/</p>
Diversity of Microorganisms in Salt and Their Applications	<p>https://kmtc.ntu.edu.iq/uncategorized/%d9%83%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a7%d8%aa-%d8%a7%d9%84%d8%b5%d8%ad%d9%8a%d8%a9-%d9%88%d8%a7%d9%84%d8%b7%d8%a8%d9%8a%d8%a9-%d9%83%d8%b1%d9%83%d9%88%d9%83-%d8%aa%d9%82/</p>
Eliminating Hunger	<p>https://kmtc.ntu.edu.iq/uncategorized/%d8%aa%d9%82%d9%8a%d9%85-%d9%83%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a7%d8%aa-%d8%a7%d9%84%d8%b5%d8%ad%d9%8a%d8%a9-%d9%88%d8%a7%d9%84%d8%b7%d8%a8%d9%8a%d8%a9-%d9%86%d8%af%d9%88/</p>
Quality Education	<p>https://kmtc.ntu.edu.iq/uncategorized/%d9%83%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a7%d8%aa-%d8%a7%d9%84%d8%b5%d8%ad%d9%8a%d8%a9-%d9%88%d8%a7%d9%84%d8%b7%d8%a8%d9%8a%d8%a9-%d8%aa%d9%82%d9%8a%d9%85-%d9%86%d8%af%d9%88/</p>



Biofuels as a Clean Energy Alternative	https://kmtc.ntu.edu.iq/uncategorized/%d9%83%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a7%d8%aa-%d8%a7%d9%84%d8%b5%d8%ad%d9%8a%d8%a9%d9%88%d8%a7%d9%84%d8%b7%d8%a8%d9%8a%d8%a9-%d8%aa%d9%82%d9%8a%d9%85-%d9%86%d8%af%d9%88/
Sustainable Energy Management in Residential Buildings	
Calculating the Carbon Footprint of Concrete Buildings	
Sustainability Innovation: From Ideas to Implementation	
Sustainability in the Chemical Industry	
Rules and Mechanisms for Sustainable Business Development	
Seminar on Recycling Consumables in the Production of New Materials	
How to Integrate Sustainable Development into the Institutional Framework	
Sustainable Materials in Medical Device Design	
Life Sciences and Chemistry: Innovations for Achieving Sustainable Development	
Comprehensive Program on the Concept and Pillars of Sustainable Development	
Course on Combating Environmental Pollution and Addressing Problems Threatening Environmental Security	
Design and Simulation of a Smart Grid Based on Solar Photovoltaic and Turbine Plants	
Environment and Sustainable Development	
Towards Sustainable Universities: Sustainable University Design Strategies for workplace safety	https://www.facebook.com/share/153WKU4zcY/
Using Red Fox Technology to Maximize the Power of Solar Panels	https://www.facebook.com/share/p/1DyYfYmRMX/
Sustainable Traffic: Towards Smarter Cities and Sustainable Development	https://web.facebook.com/100064667170559/posts/1015154497316780/?rclid=GSYDEy3CguTVI0k8#
How Can the Sustainable Development Goals Be Achieved?	https://www.facebook.com/share/p/18T8y8tKHQ/
Smart Cities	https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9



	<p>%d8%a9- %d8%a7%d9%84%d8%aa%d9%82%d9 %86%d9%8a%d8%a9- %d8%a7%d9%84%d8%b4%d9%85%d8 %a7%d9%84%d9%8a%d8%a9-ar/holds- a-symposium-entitled-smart-cities/</p>
Applications and Uses of Smart Cities in Sustainable Development	<p>https://www.facebook.com/share/15981Hdy5F/</p>
Creating a Stimulating Work Environment	<p>https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-ar/ar-kirkuk-engineering-technical-college-holds-a-symposium-entitled-creating-ar-stimulating-work-environment/</p>
Hybrid Solar Cells and Their Cooling	<p>https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-</p>
The Role of Renewable Energy in Achieving Sustainable Development	<p>https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-ar/%d8%af%d9%88%d8%b1-%d8%a7%d9%84%d8%b7%d8%a7%d9%82%d8%a7%d8%aa-%d8%a7%d9%84%d9%85%d8%aa%d8%ac%d8%af%d8%af%d8%a9-%d9%81%d9%8a-%d8%aa%d8%ad%d9%82%d9%8a%d9%82-%d8%a7%d9%84%d8%aa%d9%86%d9%85%d9%8a%d8%a9/</p>



<p>Sustainable Building Materials</p>	<p>https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-ar/%d8%a7%d9%84%d9%83%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d9%87%d9%86%d8%af%d8%b3%d9%8a%d8%a9-%d9%83%d8%b1%d9%83%d9%88%d9%83-%d8%aa%d9%82%d9%8a%d9%85-%d9%86%d8%af-3/</p>
<p>Sustainable Development Goals</p>	<p>https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-ar/%d8%a7%d9%84%d9%83%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d9%87%d9%86%d8%af%d8%b3%d9%8a%d8%a9-%d9%83%d8%b1%d9%83%d9%88%d9%83-%d8%aa%d9%82%d9%8a%d9%85-%d8%ad%d9%84/</p>
<p>Using Big Data to Analyze the Efficiency of Renewable Energy Systems</p>	<p>https://www.facebook.com/share/19sNTJXqrQ/</p>
<p>Artificial Intelligence to Improve Healthcare</p>	<p>https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d9%87%d9%86%d8%af%d8%b3%d9%8a%d8%a9-%d9%83%d8%b1%d9%83%d9%88%d9%83-%d8%aa%d9%82%d9%8a%d9%85-%d8%ad%d9%84/</p>



	ar/artificial-intelligence-to-improve-health-care-ar/
Using Industrial Control in Plastics Recycling Processes	https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-ar/use-of-industrial-control-in-plastic-recycling-processes/
Artificial Intelligence to Improve Energy Efficiency	https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-ar/%d8%a7%d9%84%d9%83%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d9%87%d9%86%d8%af%d8%b3%d9%8a%d8%a9-%d9%83%d8%b1%d9%83%d9%88%d9%83-%d8%aa%d9%82%d9%8a%d9%85-%d9%88%d8%b1/
Cloud Computing Applications in Data Management in Renewable Energy Systems	https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-ar/cloud-computing-applications-in-data-management-in-renewable-energy-systems/
"Towards Sustainable Development: Combating Climate Change and Its Impacts"	https://teck.ntu.edu.iq/ar/%d8%ba%d9%8a%d8%b1-%d9%85%d8%b5%d9%86%d9%81-ar/%d9%85%d9%83%d8%a7%d9%81%



	<p>d8%ad%d8%a9- %d8%aa%d8%ba%d9%8a%d8%b1- %d8%a7%d9%84%d9%85%d9%86%d8 %a7%d8%ae- %d9%88%d8%a7%d8%ab%d8%a7%d8 %b1%d9%87/</p>
<p>Using Artificial Intelligence to Manage Building Energy</p>	<p>https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-ar/%d8%a7%d9%84%d9%83%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d9%87%d9%86%d8%af%d8%b3%d9%8a%d8%a9-%d9%83%d8%b1%d9%83%d9%88%d9%83-%d8%aa%d9%82%d9%8a%d9%85-%d9%86%d8%af-2/</p>
<p>Towards Sustainable Development</p>	<p>https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-ar/%d8%aa%d9%83%d9%86%d9%88%d9%84%d9%88%d8%ac%d9%8a%d8%a7-%d8%a7%d9%84%d9%85%d8%b9%d9%84%d9%88%d9%85%d8%a7%d8%aa-%d9%88%d8%a7%d9%84%d8%a7%d8%aa-%d8%b5%d8%a7%d9%84%d8%a7%d8%aa-%d9%88%d8%af%d9%88%d8%b1/</p>
<p>Information and Communication Technology and Its Role in Achieving the Sustainable Development Goals</p>	<p>https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-</p>



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Green Computing	https://www.facebook.com/share/p/18T8y8tKHQ/
Methods of achieving well-being in civil societies	https://teck.ntu.edu.iq/ar/%d8%a7%d9%84%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d8%a7%d9%84%d8%aa%d9%82%d9%86%d9%8a%d8%a9-%d8%a7%d9%84%d8%b4%d9%85%d8%a7%d9%84%d9%8a%d8%a9-ar/holds-a-symposium-entitled-smart-cities/
Clean and renewable energy	
Factors affecting the sustainability of home solar energy	
The role of information technology in achieving sustainable development	
Calculating the costs of the solar energy system and comparing it with diesel generators	
Financing solar energy projects for homes	
Climate action to achieve sustainable development	
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The sustainability: its concepts and implementation mechanisms in the Technical Engineering College of Mosul as a model	
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Green Artificial Intelligence: Towards Sustainable and Equitable Technology for Smart Cities	
The use of the solar power station in the design of modern buildings	
A case study of suitable areas in Iraq for wind energy implementation	
Environmentally friendly alternatives - towards a carbon-neutral world	
Renewable of waste construction materials in building construction	
Environmental and health concerns regarding the mobile towers	
Sustainable green energy	
Air pollution control	
Electronic pollutants and their effect on the environment	
Chemicals and their effect on Environment and human health	
Reducing thermal emissions	
Increasing the efficiency of solar cells Using nanofluidics	
Sustainable development and its applications in artificial intelligence	
Use of recycled rubber and plastic In asphalt works	
Solar systems for power generation electrical	
Challenges of transitioning to energy Renewable	
Climate changes and their relevance With sustainable development	
Reducing and eliminating pollution Waste	
Energy and environment indicators for development goals Sustainable	
Rain harvesting applications in buildings And public facilities	
Sustainable development overview	
Employing signature and formation The building is energy efficient Expenses	
Environmental assessment systems	



The student's role in sustainability Environmental	
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Using LPWANs to monitor quality of rivers water and build smart farms	
Hydrogen gas production And its role in sustainability	
The importance of using systems Geographic informatics in sustainable development	
Sustainable environment in Iraqi legislation	
Zero energy buildings	
Benefiting from direct solar radiation to heat water for domestic use	
Renewable energies as an input To achieve sustainable development	
Sustainable development goals According to Iraq's vision	
Reducing waste for the sustainability and well-being of cities	
Underwater life	
A future vision for sustainable development in Iraq	
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Global Zero Hunger System	
Methods of eliminating poverty in the world	
Space debris entering the airspace and its impact on the environment	
Environmental pollution with the development of technology	
Diseases common among animals And the human being	
Agricultural extension mechanisms and concept Specialization and gradation implied Work levels therein	
Use pictures and plants in Conduct studies and research on Forest	
Methods of administering the drug in the animals	
Agricultural policies and their impact On food security	
Pumping station in an irrigation project North Island	
Occupational safety while working in Laboratories	



Nanotechnology is the future Smart agriculture	
Production of fodder crops by Hydroponics during periods of drought	
Afforestation sites in the west Nineveh Governorate to combat Desertification	
Ways to increase moisture content For the surface layer of soil	
Appropriate nutrition for the individual	
Preparation and photography method Microscopic histological sections	
Source arrangement program for researchers Mendeley	
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Feed ingredients estimation process	
Use the program grammaely and qullbot in search	
Pollution and clean water	
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Solar energy systems using MIGRI Resonance	
The importance of green plants in sustainability	
Use of renewable energy in areas Building air conditioning.	
Organic agriculture and its role in achieving sustainable development	
Missing axes in sustainable development concepts	
The role of investment in information and communication technologies in achieving sustainable development	
Education for rationalization of consumption and a sustainable green environment	
University accounting education and its role in achieving sustainable development	
The importance of accounting creativity in achieving a sustainable competitive advantage	
Issues of community security and sustainable development	



The role of solar cell systems in sustainable development	
Sustainable development between reality and ambition	





Annual Training Program on Social Aspects of Sustainability for Staff and Student

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1	Implementation of Microcontrollers in Renewable Energy Systems
2	AI-Driven Optimization for Energy Efficiency
3	Utilization of Sustainable Materials in Infrastructure Engineering
4	Mitigation Strategies for Air Pollution and Public Health Impacts
5	Green Technology and Sustainable Future Solutions
6	Sustainable Traffic Management for Smart Cities
7	Fundamentals of Greenhouse Gases, Climate Change, and Innovations
8	Environmental Innovation and Technology for Sustainability
9	Fostering a Stimulating and Productive Work Environment
10	Artificial Control in Plastics Recycling Processes
11	Green Computing: Principles and Applications
12	AI for Healthcare Enhancement and Digital Health
13	Sustainable Building Materials (SBM)
14	Cloud Computing Applications in Energy Management Systems
15	Hybrid Solar Cells and Advanced Thermal Management
16	Sustainable Development Goals (SDGs): Good Health and Well-being
17	Environmental Health and its Impact on Public Well-being
18	Significance of Solar Energy Integration in Residential Buildings
19	Biological Lifecycle of Parasitic Helminths
20	Sustainable Pharmacy and Pharmaceutical Innovation
21	Afforestation: Urban Heat Mitigation and Air Purification
22	Maternal Nutrition and its Correlation with Sustainable Development
23	Strategies for Water and Energy Resource Conservation
24	Health Awareness and Prophylactic Programs for Students
25	Strategic Frameworks for Achieving Sustainable Food Security
26	Solar Energy Applications for Medical Device Operation
27	Food Additives and their Physiological Impacts
28	Women's Role in Sustainable Development and Rights Empowerment
29	Security and AI-Driven Analytics Based on Big Data
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32	ICT and its Role in Achieving Sustainable Development Goals
33	Quality Assurance and Institutional Accreditation in Education
34	Corporate Integration of Sustainable Development Goals
35	Strategic Challenges Hindering Sustainable Development
36	Urban Environmental Protection and Sustainability
37	Water Purity Standards and Public Sanitation
38	Environmental Pollution and its Effects on Ocular Health
39	Implementation of Quality Management Systems in Laboratories
40	Social Equality Frameworks for Poverty Alleviation
41	Microbial Biodiversity and its Biotechnological Applications
42	Islamic Jurisprudence and Sustainable Food Security

43	The Impact of Physical Sciences on Modern Medicine
44	Ethics of Sustainable Manufacturing
45	Climate Change Disclosure
46	Sustainable Development and Its Role in Technological Advancement
47	Education for Sustainable Development: Strategic Framework 2022–2030
48	The Role of Accounting in Promoting Sustainable Development: A Tool for
49	Decent Work and Human Security as Fundamental Requirements for
50	Integrating Sustainable Development within the Institutional Framework
51	Environmental Pollution Control and Addressing Threats to Environmental
52	Enhancing Education Quality through Institutional Accreditation
53	Design and Simulation of a Solar-Based Smart Grid
54	Life Sciences and Chemistry: Innovations for Achieving Sustainable
55	Sustainability in Chemical Industries
56	Sustainable Materials in Medical Device Manufacturing
57	Educational Institutional Outputs and Their Importance in National
58	Principles and Mechanisms for Developing Sustainable Businesses
59	Recycling Waste Materials for the Production of New Resources
60	Concepts of Institutional Accreditation
61	Electronic Performance Evaluation System
62	The Role of Institutional Strategy, Governance, and Management in Achieving National Institutional Accreditation
63	Environment and Sustainable Development
64	Institutional and Program Accreditation and Its Importance in Implementing Northern Technical University's Vision
65	Application of ANSYS Software in Structural Engineering Analysis for
66	Towards Sustainable Universities: Sustainable Campus Design Strategies
67	Comprehensive Program on the Concepts and Pillars of Sustainable
68	Occupational Health and Safety in the Workplace
69	Applications of Small Turbines in the Tigris River
70	Using Red Fox Technology to Maximize Solar Panel Power Output
71	The Role of Computing in Advancing Sustainable Development: A Tool for