



Annual Sustainability Report Northern Technical University



Northern Technical University Office of the President

I am delighted to welcome you to the 2025 Sustainability Report, which reflects our unwavering commitment to sustainability and responsible stewardship. At Northern Technical University (NTU), sustainability isn't just a buzzword; it's a fundamental part of our identity, guiding our actions, values, and vision for the future.

As the President of this esteemed university, I am proud to reaffirm our dedication to creating a better, more sustainable world. Sustainability is no longer a choice; it's an imperative, and Northern Technical University is stepping up to the challenge.

Our commitment to sustainability is not merely a checkbox on a list of university priorities; it's a call to action embedded in every aspect of our university's life. We believe that universities should lead by example, and in this report, you will find evidence of our efforts to do just that. Sustainability at Northern Technical University is multifaceted. We are taking bold steps to reduce our environmental footprint. From cutting-edge research in renewable energy to campus-wide initiatives to minimize waste, we are committed to environmental conservation. Our social responsibility initiatives are deeply rooted in our community. We recognize the importance of supporting our students' and staff's well-being and diversity. Our outreach programs and community engagement projects demonstrate our commitment to making a positive impact.

Economically, we are dedicated to ensuring the financial sustainability of our university, all while investing in the future of our students through scholarships, financial aid, and responsible financial practices. Through our academic programs and research, we are shaping the next generation of leaders and thinkers who will address the world's most pressing challenges. We are proud to be a hub of innovation and knowledge that drives solutions to global issues.

In this report, you will discover our progress, the obstacles we've faced, and the strategies we're implementing to advance sustainability at Northern Technical University. We acknowledge much work to be done, and we eagerly anticipate the opportunity to collaborate with all stakeholders to continue this journey toward a more sustainable future.

Thank you to our faculty, students, staff, and community partners for their dedication and hard work in pursuing our sustainability goals. Together, we are making a difference.



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I invite you to explore this report, engage with its content, and hold us accountable for our commitments. Sustainability is a collective endeavor; together, we can build a brighter, more sustainable future.

Sincerely,

Prof. Dr. Alyaa Abbas Al-Attar
Northern Technical University

1. Introduction:

In an ever-changing world, our commitment to sustainability is unwavering. At Northern Technical University, we recognize that sustainability is not just a choice but a responsibility, a way of life that shapes our actions, and a vision for a better, more responsible future. Our Sustainability Journey at Northern Technical University is not recent; it's deeply ingrained in our DNA. For years, we've been on a journey to incorporate sustainability into every facet of our institution, from daily operations to academic and research endeavors.

We have set the bar high, and our endeavors are guided by a vision of creating a sustainable campus that serves as a beacon of inspiration and change for our students, faculty, staff, and the community. This journey is an ongoing one, marked by both challenges and remarkable accomplishments

2. The Purpose of Report:

The purpose of this report is twofold:

- ❖ **To Reflect on Our Achievements:** We celebrate our successes, sharing the progress we've made in various dimensions of sustainability. These successes are a testament to our commitment to making a positive impact on the environment, society, and the economy. In this report, we'll showcase our accomplishments in areas such as environmental stewardship, social responsibility, and economic sustainability.
- ❖ **To Embrace Accountability and Continuous Improvement:** We are unafraid to highlight areas where improvement is needed.



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This report reflects our commitment to transparency and accountability. We acknowledge that there's always room to do better, and this report provides a platform to share our challenges, setbacks, and strategies for overcoming them.

3. Intended Audience:

This report is designed for a diverse audience, including but not limited to:

- ❖ **Students:** Our most important stakeholders. Your engagement and passion for sustainability inspire us to do more.
- ❖ **Faculty and Staff:** Your dedication and innovation drive our sustainability initiatives forward.
- ❖ **Alumni:** You are our living proof of what's possible when you leave our institution. Your continued support is invaluable.
- ❖ **Local and Global Communities:** Our commitment extends beyond campus borders. We strive to be a force for positive change in our local and global communities.
- ❖ **Government and Regulatory Bodies:** We uphold the highest standards and welcome accountability.
- ❖ **Partners and Donors:** Your collaboration and support are instrumental in achieving our sustainability goals.
- ❖ **Prospective Students and Parents:** We invite you to join a university committed to creating a better world.
- ❖ **Anyone Passionate About Sustainability:** Our journey is a shared one, and we welcome those who share our commitment.

As we progress on our sustainability journey, we understand that we are not alone. We invite all stakeholders to join us in making a difference, and together, we can create a more sustainable and responsible future. This report is a testament to our dedication, accountability, and our vision of a sustainable future. Thank you for being part of this incredible journey.



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4. Initiatives and Progress

The initiatives and progress made by Northern Technical University (NTU) in promoting sustainability across its campus and operations. Sustainability is a core value at NTU, and the university is committed to integrating environmental, social, and economic considerations into all aspects of its activities.

4.1 Energy and Greenhouse Gas Emissions

Northern Technical University has implemented several measures to reduce energy consumption and greenhouse gas emissions, including:

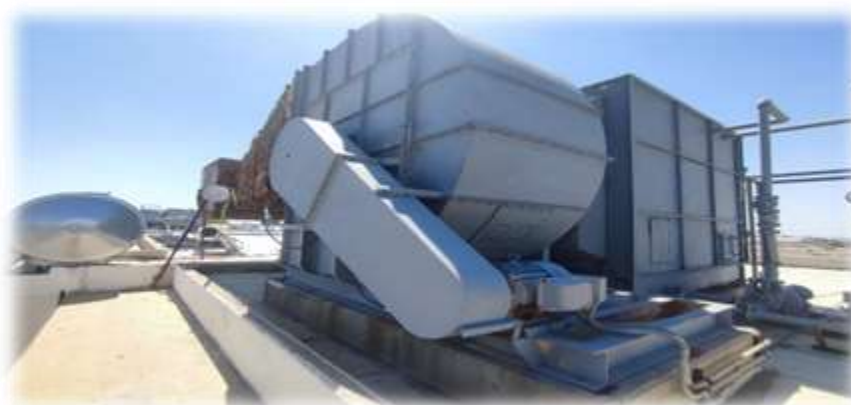
- ❖ Energy-efficient lighting systems and equipment across campus.
- ❖ Installation of solar panels and wind turbine on rooftops to generate clean energy.
- ❖ Optimize heating, ventilation, and air conditioning (HVAC) systems to improve energy efficiency.
- ❖ Promoting awareness among students and staff about energy conservation practices, construction, and renovation policies through various green building practices.
- ❖ Sustainable site development that preserves biodiversity and energy-efficient designs that maximize natural light and incorporate renewable energy sources. Indoor environmental quality to improve ventilation, low-VOC materials, and effective thermal comfort solutions.
- ❖ Community engagement and stakeholder involvement.

The university adheres to updated green building codes, offers incentives for sustainable initiatives, and monitors building performance to ensure continuous improvement. By embedding these practices, Northern Technical University demonstrates its commitment to creating a responsible, sustainable campus while preparing students and the community for future environmental challenges.





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4.2 Waste Management:

Northern Technical University has focused on waste reduction, recycling, and responsible waste management and has reached an advanced stage of implementation, achieving over 75% of its comprehensive 3R (Reduce, Reuse, Recycle) waste management program. The university integrates waste minimization and circular economy principles across all campuses as part of its sustainability roadmap, aligning with SDG 12 (Responsible Consumption and Production) and SDG 13 (Climate Action).



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1. Reduce Minimizing Waste at the Source

NTU applies proactive strategies to reduce waste generation at all levels of operation:

- Digital transformation: Most administrative communications, academic forms, and exams are now processed electronically, significantly reducing paper usage.
- Paperless campaigns: The “Think Before You Print” initiative reduced office paper consumption by more than 40% in one year.
- Procurement policy: Preference is given to environmentally friendly materials, refillable office supplies, and energy-efficient equipment.
- Smart printing systems: Printers are configured for double-sided and grayscale printing by default.

2. Reuse Extending Product Life and Resource Efficiency

The university strongly promotes reuse as a sustainable practice:

- Furniture and equipment reuse program: Reallocation and refurbishment of office furniture, lab equipment, and IT devices between departments before purchasing new items.
- Reusable materials: Use of refillable bottles, mugs, and containers in cafeterias to minimize single-use plastics.
- Campus-wide reuse campaigns: Student-led activities such as “*Give It a Second Life*” events for donating books, electronics, and clothing.

3. Recycle Closing the Loop

Recycling infrastructure has been expanded throughout all NTU campuses:

- Recycling bins: Color-coded bins for paper, plastic, metal, and general waste are installed in all buildings and open spaces.
- Waste segregation policy: Implemented across all academic, administrative, and residential areas, with clear signage and periodic inspections.
- Partnerships with recycling companies: NTU collaborates with local municipalities and certified recyclers for proper waste collection, sorting, and material recovery.
- E-waste management: Dedicated collection points for electronic waste (computers, batteries, cables) to ensure safe and responsible disposal.
- Data monitoring system: Waste collection and recycling data are tracked quarterly to evaluate progress and identify improvement areas.

4. Awareness and Engagement

NTU continuously strengthens environmental awareness among its community:

- Annual “3R Awareness Week”: Workshops, exhibitions, and student competitions to promote sustainable waste habits.
- Green Ambassadors Program: Student volunteers monitor recycling points and conduct outreach activities.
- Training sessions for staff: Workshops on sustainable procurement, waste segregation, and resource efficiency in offices and laboratories.

5. Impact and Continuous Improvement

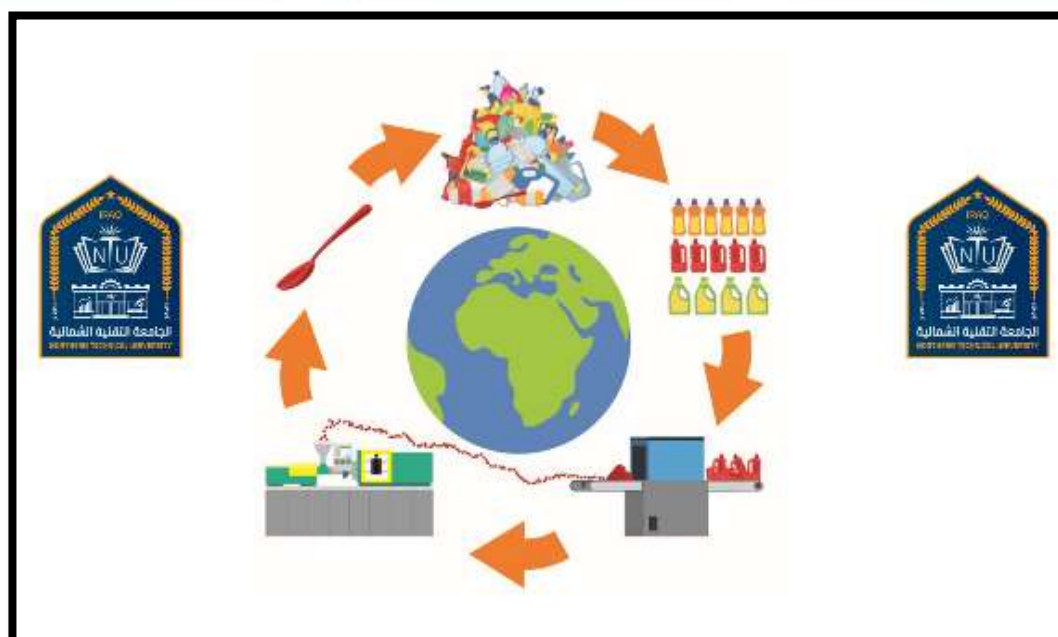
The university’s 3R initiatives have resulted in measurable outcomes:

- Reduction in total waste sent to landfill by approximately 35% compared to the baseline year.
- Increased recycling rate exceeding 65% of total solid waste.
- Active participation of more than 70% of students and staff in awareness and collection programs.

NTU continues to improve its performance by integrating new technologies for waste tracking, exploring composting solutions for organic waste, and expanding partnerships with environmental organizations. These collective efforts reflect the university’s strong institutional commitment to sustainability and its goal of achieving a zero-waste campus in the near future.



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NTU Services


Career Dev. Center


Electronic Systems


Library


Academic Staff


Staff Portal


Promotions System


Health Center


Scientific Activities Platform


Scientific Research


Video Library


Alumni Platform


Curriculums


Student Information System (SIS)


Top Students


Student Affairs Dept.


Vehicle Badge


Citizen Affairs System


Mental Health System


Scientific Plan System


Digital Repository





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4.3 Water Conservation:

Northern Technical University (NTU) acknowledges the significance of water conservation and has implemented measures to reduce water usage

- ❖ Installing water-efficient fixtures and appliances across campus, such as low- flow faucets and toilets.
- ❖ Implementing irrigation systems with smart controllers that adjust watering schedules based on weather conditions.
- ❖ Conducting regular maintenance and leak detection programs to reduce water waste.
- ❖ Offering educational programs to raise awareness about water conservation among students, staff, and the community.





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Northern Technical University (NTU) is dedicated to controlling water pollution through comprehensive policies and programs to safeguard water resources and ensure sustainability. The university has established a formal water pollution prevention policy that complies with local and national regulations, supported by regular water quality monitoring and assessments of its wastewater management systems. Stormwater management practices, including green infrastructure and best management practices (BMPs), are implemented to minimize runoff and pollution. NTU also emphasizes education and outreach, offering training programs for staff and students and promoting community engagement in water quality initiatives. Furthermore, the university supports research on water management and pollution control, continually evaluating its programs for effectiveness and improvement. Through these efforts, NTU encourages a culture of environmental responsibility and sustainable practices within the campus community.





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4.4 Sustainable Transportation:

Northern Technical University (NTU) has implemented a wide range of sustainable transportation initiatives aimed at reducing dependence on private vehicles and fostering an environmentally responsible campus culture. These efforts encompass improvements in public transportation, the promotion of carpooling, and the development of extensive bicycle and pedestrian infrastructure.

To encourage non-motorized transport, NTU offers various incentives and conducts awareness campaigns that highlight the environmental, economic, and health benefits of reducing personal vehicle usage. Additionally, the university promotes flexible work and class schedules to ease traffic congestion during peak hours.



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As part of its comprehensive mobility strategy, NTU enforces effective parking management policies by limiting parking permits, thereby discouraging excessive car use. Collaborations with ridesharing services further expand sustainable commuting options for students and staff.

On-campus mobility is enhanced through the provision of electric vehicles, bicycles, and e-bikes, available for intra-campus transport. To support these efforts, the university has installed free charging stations for electric cars and bikes, accessible to both students and academic staff. This infrastructure reinforces NTU's commitment to clean energy and sustainable mobility.

The campus is designed with sustainability and user comfort in mind, featuring shaded, green-lined pedestrian walkways that offer protection from direct sunlight. Along these walkways, solar-powered seating areas equipped with device charging stations provide convenient, renewable-energy-based spaces for rest and productivity.

NTU also operates a comprehensive campus shuttle service to ensure seamless mobility for students, faculty, and staff. The shuttle system operates along fixed routes that connect key campus locations, with schedules that may vary during weekends and holidays. Real-time tracking is available to monitor shuttle locations, enhancing reliability and convenience. Trained drivers, safety protocols, and regular service assessments ensure a secure and efficient experience. Special shuttle services may also be provided during major events or high-demand periods. User feedback is actively encouraged to continuously improve service quality and operational efficiency.





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Northern Technical University (NTU) prioritizes cyclist and pedestrian accessibility across its campus, providing a supportive environment for sustainable transportation. The campus features vehicle-free paths, a 5 mph speed limit on internal roads, and dedicated cycle paths on surrounding public roads, enhancing safety for all users. Various securely designed cycle racks are available throughout the campus, ensuring convenient parking for cyclists.

NTU promotes cycling through various amenities, including free showers for cyclists and a “Cycle to Work” scheme that offers financial incentives for staff. The university hosts cycling events and groups to foster community engagement and skill development. Additionally, NTU supports students by offering free bicycles, encouraging active transportation and healthier lifestyles. Overall, NTU's initiatives reflect a strong commitment to sustainability, safety, and accessibility within its campus community. For more information, students and staff can refer to the university's transportation resources.



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Northern Technical University provides parking areas around its campuses, distributed throughout the university with guidance and policies for staff and students.





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There are different programs and policies for students and staff at all Northern Technical University (NTU) campuses to limit or decrease parking areas such as:

1. No parking near the building as shown in the pictures above.
2. Education and Outreach Program: Running information campaigns to raise awareness about alternative transportation options and their benefits to reduce the parking area.
3. Telecommuting Program: NTU encourages staff to work remotely when feasible to reduce the number of employees on campus, which in turn reduces the parking area.
4. Biking and Walking Program: NTU Expanding and improving biking lanes, bike racks, and pedestrian-friendly pathways to make cycling and walking more attractive options for commuting.
5. Rideshare encourages commuters to adopt healthy and sustainable transportation options.





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At Northern Technical University, effective planning, implementation, monitoring, and evaluation of transportation programs are crucial for ensuring reliable and safe mobility across campuses. The University Computer Center plays a pivotal role by leveraging technology to streamline transportation logistics. This includes developing software solutions for scheduling, tracking vehicles, and managing user requests, thereby enhancing accessibility and efficiency.

Simultaneously, the Department of Security and Follow-up ensures that the transportation services adhere to safety protocols and operational standards. They conduct regular assessments to identify potential risks and implement necessary improvements. This collaborative approach enables the university to create a robust transportation framework that meets the needs of students and staff and aligns with broader security measures.

Monitoring is facilitated through data analytics, allowing for real-time adjustments and preventative maintenance of vehicles. Furthermore, periodic evaluation of the program's effectiveness is conducted through surveys and feedback from users, fostering continuous improvement. By integrating these processes, Northern Technical University not only enhances the overall transportation experience but also promotes sustainable practices and supports the well-being of its campus community. This holistic strategy exemplifies the university's commitment to fostering a safe and efficient environment for learning and collaboration.





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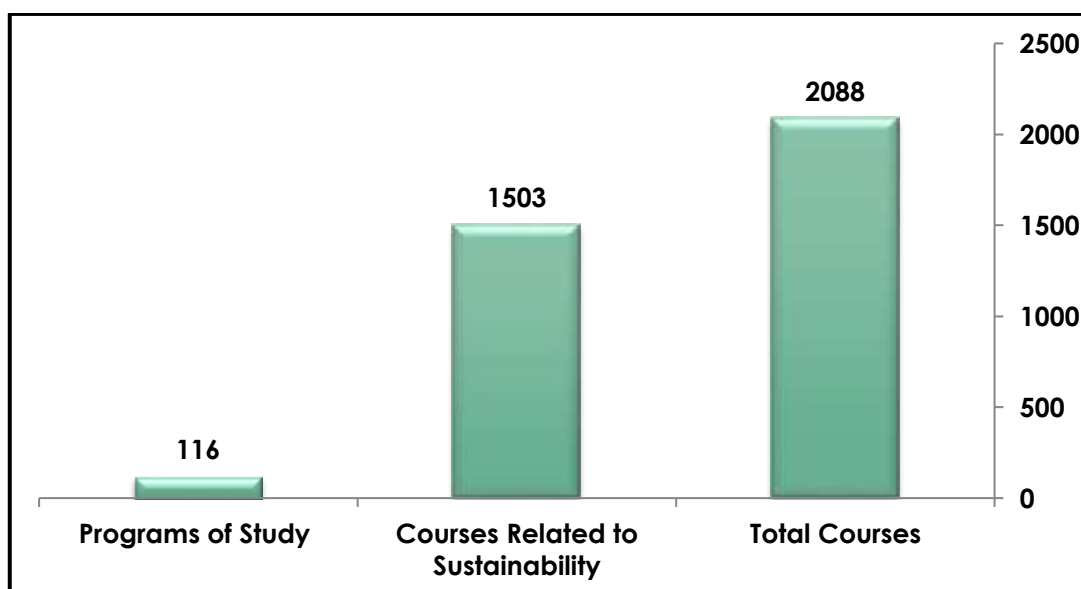


4.5 Curriculum Integration and Research:

Northern Technical University (NTU), sustainability is embedded as a core value across the academic landscape, shaping the educational framework of all disciplines. As a leading institution specializing in engineering, agricultural sciences, and health-related fields, NTU ensures that the majority of its academic offerings are aligned either directly or indirectly with the principles of sustainable development.

Sustainability-oriented themes are systematically integrated into undergraduate and postgraduate curricula, covering critical areas such as renewable energy, environmental engineering, sustainable agriculture, waste and water management, green technologies, public health, and climate resilience. These topics are addressed through a combination of theoretical instruction, applied research, and hands-on training, equipping students with the knowledge and skills necessary to develop sustainable and innovative solutions to contemporary global challenges.

Reflecting this strong commitment, NTU currently offers a total of 1,503 courses related to sustainability, distributed across 116 academic programs that incorporate sustainability-focused content. This comprehensive integration highlights





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- Medical Instrumentation Technology Engineering
- Electrical Power Technology Engineering
- Power Mechanic Technology Engineering
- Building and Construction Techniques Engineering
- Chemical and Petroleum Industries Technology Engineer
- Geomatics Technology Engineering
- Applied Mechanical Technology Engineering
- Drone Techniques Engineering

- Plant production techniques
- Animal production techniques
- Technologies to combat desertification
- Medicinal plants and natural products
- Biotechnology and Food Sciences



Dialysis
Techniques
Dep.



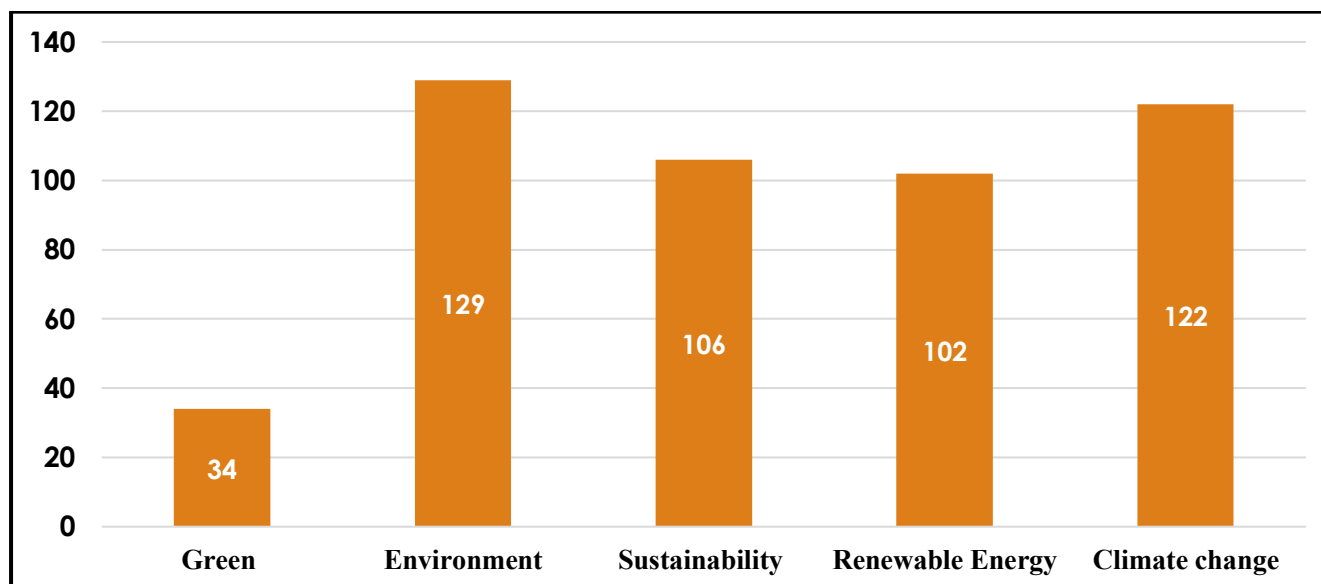
Therapeutic
Nutrition
Techniques
Dep.



Medical
Laboratories
Techniques
Dep.

- Department of Computer Techniques Engineering
- Department of Cyber Security and Cloud Computing Techniques Engineering
- Department of Artificial Intelligence Techniques Engineering

NTU's mission to produce graduates who are not only technically proficient but also environmentally and socially responsible. The number of scholarly publications on sustainability in the academic year 2024-2025 is 495 publications.





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Northern Technical University events related to Sustainability :

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

Northern Technical University Workshops in sustainability
The Role of Education in Sustainable Development Course
Sustainable Efficiency in Accelerated Industrialization
The Role of Good Governance in Sustainable Development
Decent Work and Human Security Workshop
Climate Change Disclosure
Sustainable Manufacturing Ethics Course
Sustainable Development and its Impact on Technology Development Course
Education for Sustainable Development Workshop
The Role of Accounting in Promoting Sustainable Development
Green Economy Workshop
Film Screening on Green Management and Clean Energy
Financial Engineering in Achieving the Sustainable Development Goals Workshop
Factors for selecting the best location for solar farms using GIS software
The role of real estate marketing in sustainable development
Social protection systems to enhance community cohesion
Diversity of Microorganisms in Salt and Their Applications
Eliminating Hunger
Quality Education
Biofuels as a Clean Energy Alternative
Quality of Healthcare Services Provided in Dialysis Centers
The Role of Microorganisms in Achieving Sustainable Development
Good Health and Well-being
Using Artificial Intelligence to Achieve Sustainable Development
The Role of Microorganisms in Plant Growth and Cultivation
Health Benefits of Using Crude Salt
Diversity of Microorganisms in Salt and Their Applications
Eliminating Hunger
Quality Education
Biofuels as a Clean Energy Alternative
Sustainable Energy Management in Residential Buildings
Calculating the Carbon Footprint of Concrete Buildings
Sustainability Innovation: From Ideas to Implementation



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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
Using Red Fox Technology to Maximize the Power of Solar Panels
Sustainable Traffic: Towards Smarter Cities and Sustainable Development
How Can the Sustainable Development Goals Be Achieved?
Smart Cities
Applications and Uses of Smart Cities in Sustainable Development
Creating a Stimulating Work Environment
Hybrid Solar Cells and Their Cooling
The Role of Renewable Energy in Achieving Sustainable Development
Sustainable Building Materials
Sustainable Development Goals
Using Big Data to Analyze the Efficiency of Renewable Energy Systems
Artificial Intelligence to Improve Healthcare
Using Industrial Control in Plastics Recycling Processes
Artificial Intelligence to Improve Energy Efficiency
Cloud Computing Applications in Data Management in Renewable Energy Systems
"Towards Sustainable Development: Combating Climate Change and Its Impacts"
Using Artificial Intelligence to Manage Building Energy
Towards Sustainable Development
Information and Communication Technology and Its Role in Achieving the Sustainable Development Goals
Green Computing
Methods of achieving well-being in civil societies



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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
Clean and affordable energy
Impacts of Green Spaces on the Environment
The sustainability: its concepts and implementation mechanisms in the Technical Engineering College of Mosul as a model
Environmentally friendly refrigerant gases and their relationship with sustainability principles implementation in Mosul city
Bio- Plastic its production, properties and uses
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



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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
Treating water scarcity Human use in Remote and rural areas Using solar energy
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
Sustainable cities and communities
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



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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
Integrated management of the harvester
Feed ingredients estimation process
Use the program grammaely and qullbot in search
Pollution and clean water
Manufacturing is environmentally friendly
Agricultural sustainability
Afforestation and the environment
Clean water
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



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Issues of community security and sustainable development

The role of solar cell systems in sustainable development

Sustainable development between reality and ambition

In addition, Northern Technical University held number of events related to sustainability





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Also, as shown in the pictures, the student organizations organize some activities related to sustainability.





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In addition to the cultural activities on Northern Technical University campuses.





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There are number of sustainability community project organized by the university involving students.





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Moreover, the sustainability programs with international collaborations that have been achieved by the university.



International Research Collaboration Results in the Publication of Outstanding Scientific Research in a Q1 Classified Journal.

In line with the direction of the Ministry of Higher Education and Scientific Research to encourage international research and academic excellence in the field of scientific research, and in line with the objectives of the National Research Strategy, the Ministry of Higher Education and Scientific Research has decided to support the publication of outstanding scientific research in a Q1 classified journal.

— Assistant Professor Dr. Ahmad Al-Sayid (Chairman)
— Assistant Professor Dr. Ahmad Al-Sayid (Member)
— Assistant Professor Dr. Ahmad Al-Sayid (Member)

As a result of the international research collaboration, the following research has been published in the journal "Research in Science & Technology" (Q1 classified journal).

This collaboration resulted in the publication of a scientific article titled "The Effect of the Temperature on the Mechanical Properties of the Polymer Composite Materials" in the journal "Research in Science & Technology" (Q1 classified journal).

The research is expected to contribute to the development of the scientific research and to the improvement of the quality of the scientific research in the field of polymer composite materials.



Dr. Ahmad Al-Sayid

Dr. Ahmad Al-Sayid





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In the new era of democratic Iraq, public and political support is essential for effectively implementing policies and programs to achieve the Sustainable Development Goals (SDGs). Northern Technical University (NTU) seeks to play a strategic role in this landscape by enhancing the credibility of such policies through rigorous and independent studies.

The NTU renewable energy research center and the Sustainability Unit for Development Goals Studies (SDGs unit) are dedicated to fostering multidisciplinary research related to SDGs at the local, national, and global levels. They serve as a venue for sharing SDGs-related research findings from the university and its partners while facilitating cooperation and collaboration in pursuing sustainable development.



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Our Vision is to see Iraq successfully achieve the SDGs by 2030.

Our Mission focuses on:

- Providing evidence-based policy recommendations to advance the SDGs.
- Independently monitoring the progress of the SDGs within the region.
- Mainstreaming SDGs into academic research and public policies.
- Facilitating dialogues among key stakeholders to achieve the SDGs.



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Our Main Activities include:

- Conducting independent studies on various aspects of sustainable development.
- Publishing research findings and recommendations.
- Organizing conferences, workshops, and seminars focused on sustainability and the SDGs.
- Providing training sessions to enhance the analytical capacity of the academic community and policymakers at both national and local levels.
- Promoting research collaboration with other institutions and organizations.
- Building networks and facilitating dialogue among stakeholders to strengthen SDG approaches. Through these initiatives, NTU strives to contribute to achieving the Sustainable Development Goals in Iraq and foster a more sustainable and equitable future for all.

5. Conclusion:

Northern Technical University remains committed to its sustainability goals, striving to create a campus community that is environmentally responsible, socially conscious, and economically sustainable. Through ongoing efforts, NTU aims to inspire and educate the next generation of leaders who will contribute to a more sustainable future.