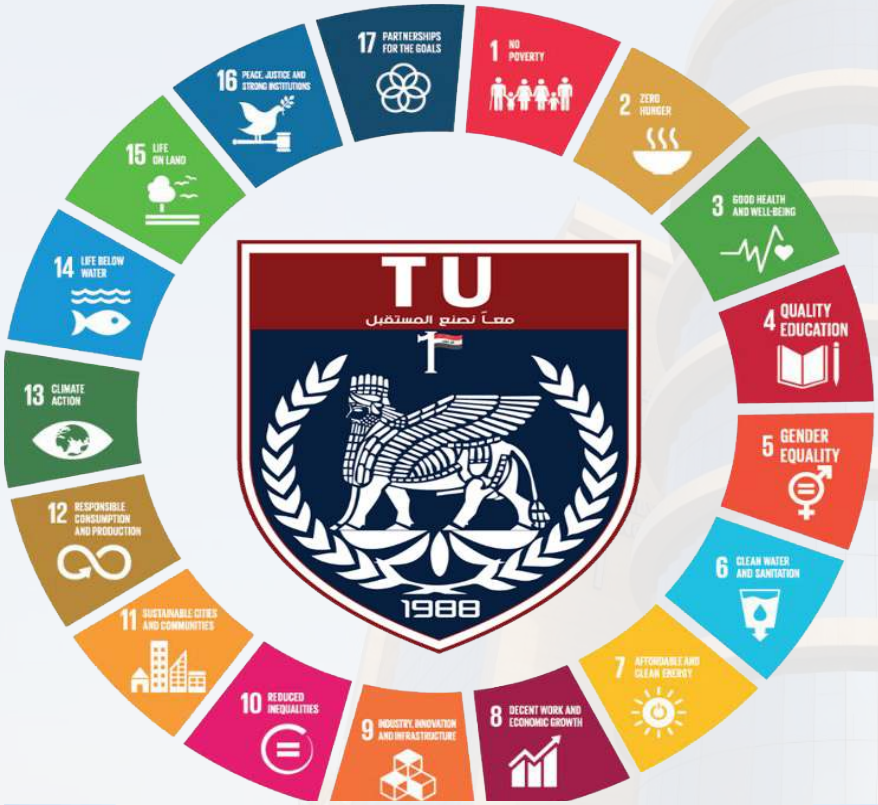
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AL-TURATH UNIVERSITY JOURNAL FOR SUSTAINABLE DEVELOPMENT
[2025 - 2026)

No/2

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Ministry of Higher Education & Scientific Research
AI-Turath University
Quality Assurance Department
Scientific Affairs Section
AI-Turath University Journal for Sustainable Development
Second Edition (2025-2026)

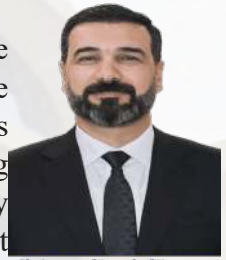
Under the direct supervision of

Chairman of Board of Trustees, Mr. Ali Al-Ogaili


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AL-TURATH UNIVERSITY
FACULTY OF PHARMACY
AL-TURATH UNIVERSITY
FACULTY OF DENTISTRY

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We Preserve Values & Prepare for Future

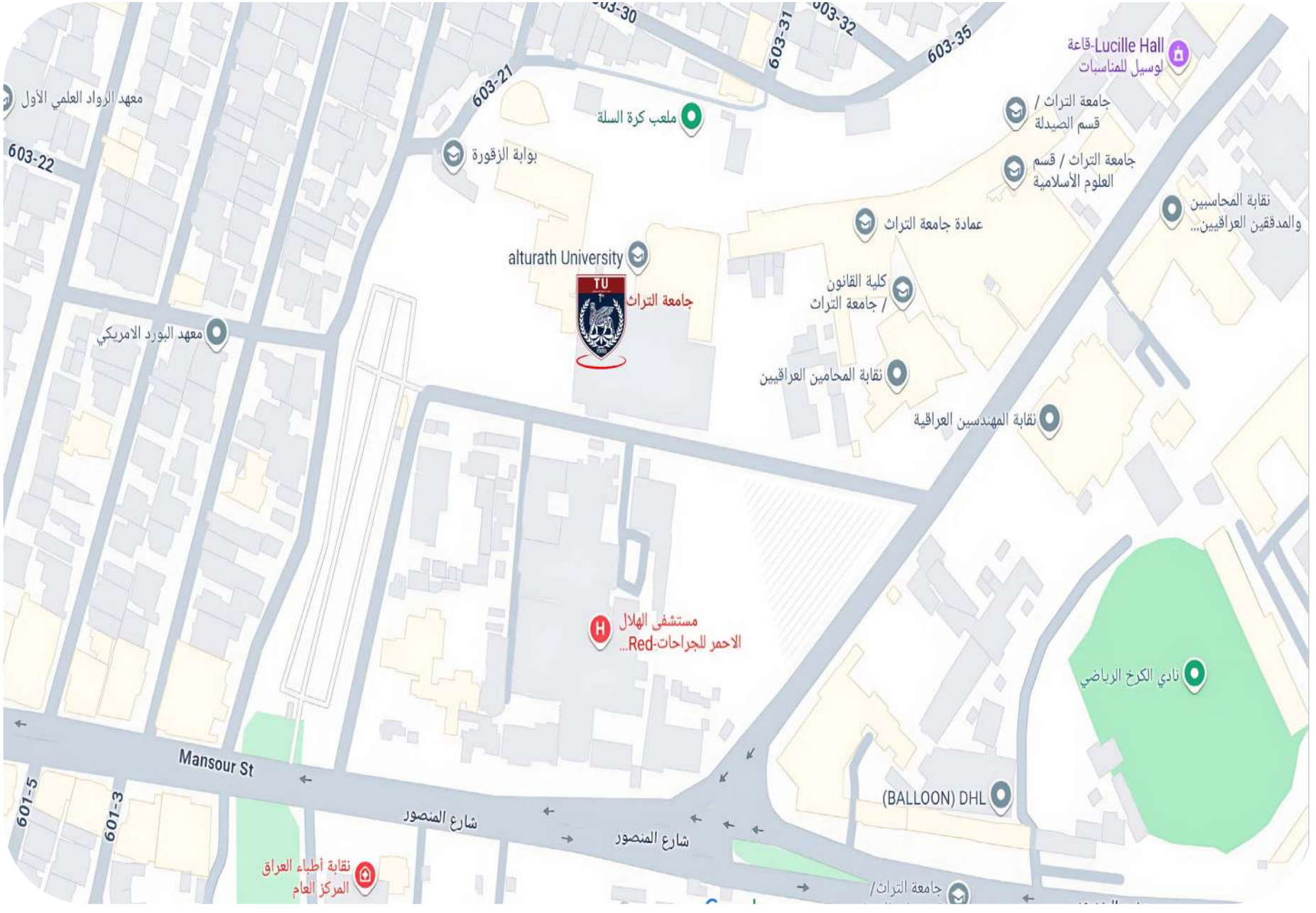

Chairman of Board of Trustees,
Mr. Ali Al-Ogaily

From the very beginning, the founding body of Al-Turath University believed that human development is the cornerstone of nation-building, and that quality education is the most effective path to achieve comprehensive and sustainable development, based on thisconviction, and reinforced by the values of our ancient civilization, which laid the foundations and illuminated the paths of the world, we embarked in 2017 on developing an ambitious roadmap aimed at redefining the concept of private university education in Iraq and the region. Our vision was clear; to transform Al-Turath University into an integrated university city that rivals the best international universities, not only in terms of infrastructure, but also in terms of a comprehensive educational environment that combines ancient legacy with contemporary technology and theoretical and applied sciences, within a smart and sustainable campus that expresses a modern Iraqi identity capable of competing globally.

In recent years, the university has witnessed a qualitative transformation, represented by the expansion of the number of science and humanities colleges, the creation of modern laboratories and smart classrooms, the attraction of distinguished academic talent, and the activation of scientific research and its provision by specialized centers, all this is within an integrated academic system that adheres to international accreditation standards and global ranking requirements, we have also strengthened partnerships with universities and research institutions from around the world, believing that academic twinning and integration are the key to progress. We work tirelessly to make Al-Turath University an attractive and inspiring learning environment, investing in the quality of education, digital transformation, and good university governance. We have strived to align with the Ministry of Higher Education and Scientific Research›s direction toward digitally based universities, and we have provided all the technical and administrative requirements to achieve this.

We continue to build and develop, and we are working to expand the university to include service and production facilities, recreational and industrial centers, and waste recycling facilities, to provide our students with a model university environment that aligns with the concepts of smart and sustainable university cities. We affirm that our vision, as members of the Board of Trustees of Al-Turath University, is comprehensive and profound, based on solid academic legacy and unlimited future ambition, we will continue our journey with determination and confidence, guided by the will to develop and solid institutional work to position Al-Turath University among the world›s leading universities.

Welcome to the House of Knowledge and Excellence


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Lucille Hall-قاعة لوسيل للمناسبات
معهد الرواد العلمي الأول
ملعب كرة السلة
بوابة الزقورة
جامعة التراث / قسم الصيدلة
جامعة التراث / قسم العلوم الأسلامية
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1 NO POVERTY

AL-TURATH UNIVERSITY'S HUMANITARIANISM INITIATIVES DESERVE PRAISE



Al-Tu.rath University under the leadership of the Chairman of its Board of Trustees, Mr. Ali Al-Ogaili is keen with a national spirit on supporting the humanitarian reality as it is a firm principle in this university and its administration, Mr. Ali Al-Ogaili himself contributed in preparing aid and supervising its delivery step by step, this carries a message that businessmen and leaders of the country in all fields must have the most prominent role in con fronting societal gaps and constantly striving to repair them and urging others to cooperate in order to create a society built on strong foundations of mercy and affection and developing the qualities of solidarity and helping the needy, as strengthening and expanding the paths of sustainable development in the country is everyone›s responsibility.

One of the most notable initiatives that deserve praise is the one undertaken by the university when it sent its buses to orphanages to transport them to Al-Tu.rath campus with all honor and respect and a special entertainment program was organized for them, which reflects a deep sense of responsibility towards the children of those who have given so much to their country, this step is not just a humanitarian act, but it is our duty towards our sons. 500



The university›s efforts did not stop at this point, but extended to in elude needy families, where more than (5000) complete food bas kets were distributed, what makes this initiative even more distinc tive is the personal participation of Mr. Ali Al-Ogaili in preparing and distributing these baskets, which confirms that true leadership lies in direct engagement in serving the community, these steps establish the principles of social solidarity and call for strengthening the values of cooperation and compassion.





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2 ZERO HUNGER

MR. ALI AL-OGAILI'S DISTINGUISHED INITIATIVES TO COMBAT HUNGER



Al-Tu.rath University is a distinguished model in the field of social responsibility, as the Chairman of the Board of Trustees, Mr. Ali Al-Ogaili makes great efforts in the field of eliminating hunger through a number of voluntary initiatives, hunger is not just a global challenge, but rather an urgent humanitarian issue in Iraq, and the university is keen on being part of the solution.



One of the most prominent of these efforts is organizing a group Iftar banquet under the patronage of Mr. Ali Al-Ogaili, with the participation of a segment of orphans from orphanages in Baghdad and the govemorates, as well as charitable diabetes patients› associations, the initiative not only shows the university›s commitment to humanitarian issues, but also enhances the values of social solidarity and responsibility.



Besides, Al-Turath University reviews a clear commitment in helping the elderly, as it brought them to the university halls and honored them in a special program aimed at entertaining them, these initiatives show that the university is not only concerned with academic education, but also with social and humanitarian development.



Al-Turath University is keen on organizing symposiums and community discussion groups for the purpose of finding solutions to the problem of hunger and urging the provision of aid to all and developing scientific and economic capabilities to combat the scourge of hunger, the teaching staff directed Al-Turath students to develop the spirit of assistance and provide a helping hand to all those in need so that affection and harmony prevail among the different segments of society.



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3 GOOD HEALTH AND WELL-BEING

AL-TURATH UNIVERSITY: HEALTH & WELL-BEING OF INDIVIDUAL CONSIDER BASIS OF SUCCESS



Al-Tu.rath University is keen on enhancing the quality of life for its students by providing an integrated educational and health environment that supports the achievement of sustainable development goals under the leadership of the Chairman of Board of Trustees, Mr. Ali Al-Ogaili, the university has paid great attention to enhance the physical and mental health of students by developing modern sports facilities and launching various extracurricular activities and providing the highest levels of keeping pace, such as providing the robot of the Media Department.



Advanced sports fields and halls have been equipped. which have contributed to make the university a strong competitor for the top positions in sports equipment at the level of Iraq, the university also organized Ramadan sports events in which dozens of student teams participated, which enhanced the spirit of healthy competition and social cohesion among students, efforts were not limited to the sports aspect, but extended to include providing free health services such as an integrated medical clinic and a modem ambulance, as well as laundry and ironing services, which are the first of their kind among public and private universities.



The university has also been keen on applying the highest standards of health and safety through advanced sterilization systems and wasting sorting at the source in line with the principles of environmental sustainability, the university has also continued to enhance health awareness among students by providing a free medical clinic and a specialized medical staff, which ensures a safe and healthy educational environment.



These integrated efforts reflect Al-Turath University›s commitment in ensuring the health and well-being of its students and promoting a sustainable educational environment that contributes to building an aware generation capable of facing future challenges, through these initiatives, the university presents a pioneering model in integrating health and well-being into sustainable development strategies, reflecting its commitment in achieving a better future.

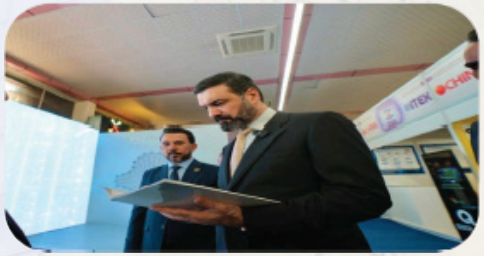


4 QUALITY EDUCATION

AL-TURATH UNIVERSITY ENJOYS GOOD EDUCATION & INTEGRATED ACADEMIC ENVIRONMENT



In light of achieving academic excellence, Al-Turath University was appreciated by His Excellency, Minister of Higher Education and Scientific Research, Dr. Naeem Al-Aboudi, who praised during his visit to the university the innovative procedures followed by the university in managing final exams in a positive and effective manner, Dr. Al-Aboudi commended the efforts made to provide all the necessary requirements to ensure students› excellence and ere ativity, as well as reviewing the universitys distinguished educa tional environment. including its advanced colleges and laboratories, His Excellency stressed that private education in Iraq has become comparable to public education thanks to the improvement of performance quality and the achievement of the goals of academic institutions.



The Chairman of Board of 1rustees, Mr. Ali Al-Ogaili confirmed that the university operates within an integrated scientific and administrative system to enhance its score as a strong competitor in the academic and research fields locally and internationally, this distinction has been embodied by the university obtaining advanced scores in global ranking and prestigious scientific websites.

Al-Turath Universitys Council reviewed in its regular meeting future plans to enhance academic quality, including the mechanism of official attendance and adherence to the directives of the Ministry of Higher Education and Scientific Research, the Council also stressed the importance of achieving the highest quality standards in implementing the university›s programs and initiatives in a way that supports sustainable scientific development and enhances the university›s position as a beacon of knowledge.



The university expressed its full readiness to support the (Study in Iraq) initiative, which aims at attracting foreign students and enhancing scientific integration with the regional and global environment. the inclusion of the College of Dentistry in the National Council and the pursuit of international accreditation were also reviewed, which reflects the university›s commitment in achieving excellence and leadership.



5 GENDER EQUALITY

AL-TURATH: EMPOWERING WOMAN IS FUNDAMENTAL PILLAR FOR BUILDING PROSPEROUS SOCIETIES



Al-Tu.rath University is a beacon of positive change in the field of promoting gender equality, as it strives to empower women to play active roles in society and the work environment, these efforts are not just steps towards achieving justice, but are an imperative necessity for building stable and prosperous societies, gender equality is not only a basic human right but also an important factor in achieving comprehensive and sustainable development.



Under the patronage of the Chairman of Board of Trustees, Mr. Ali Al-Ogaili, Al-Tu.rath University demonstrated its practical commitment to these values by hosting the Iraqi Universities Chess Championship, in which (63) universities and (350) female students participated, Al-Tu.rath was crowned with the Best Coach Award and the Shield of Excellence, reflecting its efforts to promote the active participation of women in sports and intellectual activities, also, Al-Tu.rath female students have achieved advanced positions in the field of sports through various sports activities.



The university also stood out in the University Short Film Festival (2024-2023), where it won first score and student Ms. Enas Jamil was crowned with the Best Actress Award, these achievements confirm the university›s role in providing opportunities for male and female students to express their creativity and achieve excellence. Al-Tu.rath University also seeks to eliminate all forms of discrimination and violence against women, as it works to ensure equal opportunities in education, health care, economic and political participation, studies indicate that empowering women enhances economic growth and reduces poverty, making it a fundamental pillar for achieving the Sustainable Development Goals, gender equality is not only a moral duty but an investment in a brighter future.


لجنة التسجيل والقبول للعام
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6 CLEAN WATER AND SANITATION

AL-TURATH UNIVERSITY: WATER CONSERVATION & CLEANLINESS FOR SUSTAINABLE COMMUNITY



Al-Tu.rath University focuses on ensuring the availability of water and its sustainable management, providing a healthy environment and huge buildings containing world-class sanitation facilities, in view of the environmental challenges facing the world today; especially in our beloved Iraq, Al-Turath spent exerted efforts to reduce water waste as part of its strategy to promote sustainable development goals within the university campus and in the local community through educational symposiums for its students and also through the application of practices and programs to achieve effective management to preserve water as a basic resource.



The university worked on raising awareness among students about the importance of water as an essential element for the sustainability of life and about cleanliness, this is done by integrating topics of water management and environmental sustainability into lectures and symposiums and encouraging students to conduct scientific research that addresses water-related challenges such as water scar city; pollution and water resources management, and by providing clean bathrooms and maintaining the cleanliness of the university continuously.



Al-Turath University has practically implemented a set of initiatives aimed at rationaJizing water consumption within the campus, these efforts include installing smart irrigation systems for green spaces based on technologies that reduce waste and using devices to reduce water consumption in health facilities, the university also encourages the reuse of treated water, which contributes to achiev-ing efficiency and sustainability.


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7 AFFORDABLE AND CLEAN ENERGY

AL-TURATH UNIVERSITY ADOPTS ALTERNATIVE ENERGY WITHIN ITS CAMPUS

The university seeks to adopt policies and programs aimed at improving energy efficiency, promoting the use of renewable energy and avoiding toxic emissions on campus, it has provided (15) classic electric-powered cars to improve the climate as well, maintain a clean environment, and use solar-powered lamps, this is thanks to the efforts of the Chairman of Board of ‹Irustees of Al-Turath, Mr. Ali Al-Ogaili, which reduces reliance on traditional energy sources and contributes in reducing carbon emissions, as well as the university is working on implementing smart systems to manage energy consumption, such as energy-saving lighting and automatic control devices.





Al-Turath University highlights sustainable energy issues by including them as main topics in the curricula, the university encourages its faculty members and students to conduct innovative scientific research aimed at developing new solutions to improve energy efficiency or find alternatives to traditional energy, reflecting its commitment to preparing a generation aware of global challenges.

The university also contributes in raising awareness of the importance of sustainable energy by organizing workshops and symposiums aimed at enhancing the understanding of the local community and students of the need to switch to the use of renewable energy, the university is also working to build partnerships with government agencies and local and international companies to implement joint projects that contribute in enhancing energy sustainability in Iraq.





8 DECENT WORK AND ECONOMIC GROWTH

AL-TURATH UNIVERSITY: TYPICAL WORK ENVIRONMENT IS OUR FIRST PRIORITY



Considering the directives of the Chairman of Board of Trustees, Mr. Ali Al-Ogaili, Al-Turath University reviewed its keenness on providing an integrated educational and practical environment that meets the needs of faculty members, administrative staffs, students and workers, the university did not only provide a decent work environment but also went beyond that to create a comfortable and stimulating atmosphere for creativity, in every comer of the university, you will find cafeterias that provide distinguished services and rooms equipped with luxurious furniture, air conditioners and all supplies, as well as ideal cleanliness that reflects the university›s interest in all details of the surrounding environment, these efforts aim at ensuring everyone›s comfort, which is positively reflected in the quality of the work environment.



The university›s efforts were not limited in providing a decent environment. but extended to enhancing students› skills and linking them to the labor market, in the Department of Computer Engineering Technology, a distinguished summer training program was launched that aims at enabling students to gain practical experience in real projects under the supervision of experts, the university also provided summer training for students of the Department of Medical Laboratory Technology, where they worked in advanced laboratories using the latest medical devices, which helped them apply their theoretical knowledge and acquire valuable practical skills.



In the heart of the university are two dedicated teams: the Services Section, which ensures ideal cleanliness and a healthy environment and the Maintenance Section, which is responsible for sustainability, these integrated efforts reflect the university›s commitment in creating a sustainable work environment that supports the academic and professional growth of all.



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9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

AL-TURATH SPONSORS INNOVATION & BUILDS INFRASTRUCTURE

Al-Turath University is distinguished by a unique infrastructure that supports innovation as a key element for achieving comprehensive and sustainable development, his goal is not just a vision, but a framework that enhances economic growth, creates job opportunities and narrows the gap between developing and developed countries, in this context, Mr. Ali Al-Ogaili, Chairman of the Board of 1rustees, held a meeting with the university›s senior administrative staff to review the urban and operational plan and admission mechanisms for the academic year 2025-2024.





The meeting was attended by the Heads of the Departments of Security Permits, Administrative, Human Resources, Finance, Projects, Services, Engineering, Maintenance and the Agricultural, as well as the attendees reviewed the main factors related to the work completed and those underway, with a focus on implementing the executive, operational. administrative and financial plan in a distinguished and effective manner, direct implementation priorities for this year were also identified to ensure the achievement of the goals set by Chairman of the Board of Trustees, Mr. Ali Al-Ogaili.

Supporting flexible and sustainable infrastructure that supports industrial growth, while considering its environmental impact, which includes the fields of transportation, energy, information and communications technology, as well as encouraging innovation and technology transfer are essential to enhance productivity and increase the efficiency of resource use.



Innovation is a pivotal part of sustainable development that contributes to the development of technology and its optimal use to face all challenges. Through these efforts, the university aims at providing the labor market with outputs that meet future scientific and practical requirements, as Al-Turath is at the forefront of private universities as the first university in the Middle East.


وقل اعملوا فسيرى الله عملكم ورسوله والمؤمنون
رئاسة جامعة التراث
PRESIDENCY OF AL-TURATH UNIVERSITY

10 REDUCED INEQUALITIES

AL-TURATH UNIVERSITY AS BEACON OF SOCIAL JUSTICE



In the context of its relentless efforts to promote the values of social justice and equality, Al-Turath University has emerged as an scientific edifice whose role is not limited in providing knowledge only, but rather extends beyond that to be a home that embraces its sons and daughters in all circumstances, under the leadership of Mr. Ali Al-Ogaili, Chairman of the University's Board of 'Irustees, the finest images of humanity and care were embodied. reduce inequality within the university, as well as stressing the importance of achieving justice for all.



In an exceptional humanitarian gesture that reflects his insightful vision and deep interest in students, Mr. Al-Ogaili directed a high-level delegation from the university to visit the home of one of the students who was involved in an unfortunate traffic accident, the delegation included the President of the University, Dr. Jaafar Jaber Jawad. and the Dean of the College of Dentistry, Dr. Tahani Al-Sandouk, so that the visit would be a natural extension of Mr. Ali Al-Ogaili›s efforts to promote the values of solidarity and human care, as he was keen for Al-Turath University to be a warm home that supports its children in good times and bad.



The university›s efforts were not limited to the humanitarian aspect only, but extended to include promoting social justice through various initiatives, most notably the scientific visit organiud by the College of Law for its distinguished :first-year students to the Bar Association, this visit came in coordination with the Professor of Constitutional Law, Dr. Ayat Al-Mudhafar with the aim at advancing the social reality and supporting it with a generation with legal awareness capable of establishing the foundations of justice in society.



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11 SUSTAINABLE CITIES AND COMMUNITIES

AL-TURATH UNIVERSITY TOPS PIONEERING ARCHITECTURAL & EDUCATIONAL INNOVATION

In light of the rapid scientific and urban development. Al-Turath University is witnessing a comprehensive renaissance that reflects its commitment to keep pace with global progress in the fields of education and infrastructure, the university has achieved a balance - between scientific and technological development on the one hand and improving the urban and service environment on the other hand and providing advanced laboratories and modem teaching methods, as well as the great interest of the chairman of the Board of Trustees, Mr. Ali Al-Ogaili in designing its buildings that combine the unique legacy architectural style and the inheritance of the ancient Iraqi civilli.ation.





The university is currently seeking to enhance spaces for knowledge and practical application for students by establishing a virtual building consisting of five floors that includes a virtual court. a bank. and a police station, it is also continuing its preparations to establish the blue building, which will be the largest building in the university, consisting of (40) floors dedicated to commercial companies and business centers with advanced halls and laboratories.



11 SUSTAINABLE CITIES AND COMMUNITIES

AL-TURATH UNIVERSITY TOPS PIONEERING ARCHITECTURAL & EDUCATIONAL INNOVATION



To meet the needs of students and visitors, the university took the initiative to establish advanced parking lots, including Al-Turath Parking Lot. which consists of (15) floors and can accommodate (3000) cars, and the (Mohammed bin Ali) Parking Lot. which includes (20) floors and can accommodate (6000) cars, as well as the current (Ziggoura) Parking Lot. which can accommodate (1500) cars, the university entrances were also developed to provide a safe environment using the latest technological systems.

The university›s efforts did not stop at the campus borders, but extended to include the development of the university street and its approaches, with the support of the Chairman of Board of Trustees, Mr. Ali Al-Ogaili, who contributed to the development of the streets with unstoppable work even after midnight at his own expense to be a model of beauty and good taste and reflect the university›s commitment to sustainable service development.

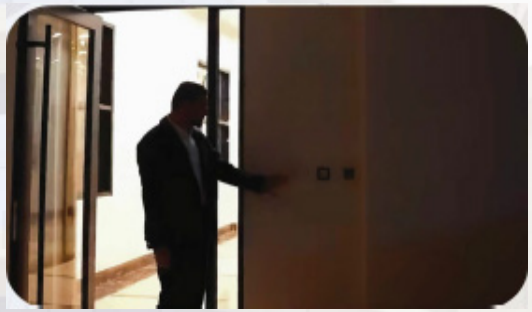




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12 RESPONSIBLE CONSUMPTION AND PRODUCTION

AL-TURATH'S KEENNESS ON RATIONALIZING CONSUMPTION & ENCOURAGE PRODUCTIVE INITIATIVES

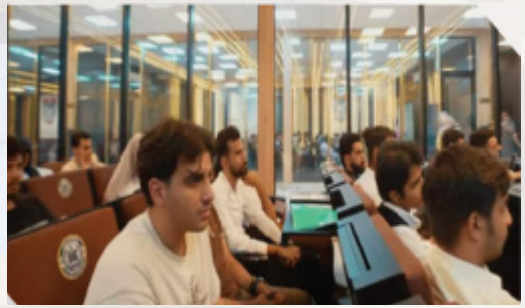


Considering the directives of the Chairman of Board of Trustees, Mr. Ali Al-Ogaili and within the framework of its commitment in achieving rationalization of consumption, Al-Turath University is making great efforts to promote sustainable consumption patterns, as these practices are a fundamental axis for achieving development, as the university works to direct its faculty members, employees and students towards reducing waste, especially after the end oflectures, to ensure the conservation of energy and resources.



The university paid special attention to raise awareness among students, as they are the nucleus of society, about the importance of reducing excessive consumption and adopting environmentally friendly behaviors, the university also emphasizes the important role of responsible authorities in developing policies and legislation that support sustainable practices, as well as adopting modem technologies that contribute in reducing pollution and improving the efficiency of resource use.

Achieving public awareness requires concerted efforts among all members of the community to change unsustainable consumption habits and promote positive practices to support resource sustainability, as these efforts are a long-term investment for a secure future for future generations, based on what were mentioned above, Al-Turath University called for improving the efficiency of using natural resources and reducing consumption and even went beyond that to encourage students to practice rationalization themselves and participate in symposiums and training courses held by the University›s Continuing Education Center.



With the above steps, Al-Turath University contributes in building an aware and sustainable society that understands the importance of balancing consumption and available wealth and services, whether private or public, and seeks to achieve a better future for all, as these efforts are a model to be emulated in promoting individual and collective responsibility towards achieving sustainable development



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13 CLIMATE ACTION

AL-TURATH UNIVERSITY'S VISION TO ADDRESS ENVIRONMENTAL CHALLENGES



In light of the growing global trend towards addressing environmental challenges, Al-Turath University seeks to be a pioneer in p-reserving the environment via adopting innovative projects that highlight the seriousness of the University in this regard through the directives of the Chairman of its Board of 1rustees, Mr. Ali Al-Ogaili, who led tangible initiatives that reflect the university›s commitment to sustainability, among the most prominent of these initiatives is the allocation of (15) environmentally friendly electric cars that does not emit any exhaust gases to transport students, guests and faculty members within the university halls for free.



The importance of this step is not limited to its environmental aspect only, but extends to the aesthetic aspect, as the design of the car is distinguished by its elegance that harmonizes with the antiquity of the university buildings inspired by icons of the ancient Iraqi civilization such as Gilgamesh, Ziggurat, Ishtar, Nebuchadnezzar and Wmged Bull (Lamassu).

The university›s efforts do not stop here but extend to plans and curricula that reflect a clear vision for achieving environmental sustainability, the university has allocated vast green spaces between its buildings and at its entrances, these efforts have even extended to include the university›s external surroundings, which confirms its keenness not only on the campus environment but on the environment of Iraq as a whole.

Considering the directives of the Chairman of Board of Trustees, Mr. Ali Al-Ogaili, the university has also taken a pioneering step in the field of waste management, becoming the first university in Iraq to implement a waste sorting project at the source, and to apply it on the ground, as well as the university has moved towards using environmentally friendly logistical supplies in all its activities, reflecting its awareness of the importance of preserving the environment even if it is at the expense of its economic return, these efforts are not just routine procedures, but rather a positive indicator of Al-Turath University›s commitment in instilling environmental culture among its students and raising awareness among the current generation of the determinants related to the sustainability of planet Earth, through these initiatives, the university is actively participating in global efforts aimed at achieving a more sustainable future for future generations.





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14 LIFE BELOW WATER

AL-TURATH UNIVERSITY PROMOTES AWARENESS ON RIVER ENVIRONMENT IN IRAQ



Al-Tu.rath University reviewed great interest in the Iraqi river wealth and encouraged its students in this regard, considering the Tigris and Euphrates as the arteries of life with environmental and human diversity and the sustainability of agriculture, drinking water, industry and all fields of life, despite this, the two rivers face major challenges such as pollution resulting from industrial, oil and domestic waste, low water levels due to dams, climate change, global warming and overfishing, these challenges threaten the sustainability of the river environment and require collective efforts to preserve it.



Considering the directives and sponsorship of the Chairman of Board of Trustees, Mr. Ali Al-Ogaili, Al-Tu.rath University has been keen on supporting its students and faculty members and encouraging them to harness research and studies on this important issue, the faculty member at Al-Turath University, Ms. Marwa Mohsen fiyad obtained a patent was registered with the Central Organization for Standardization and Quality Control, specializing in the field of wastewater treatment for oil refineries.

The University expressed its keenness on achieving the goals of sustainable development, which focus on preserving life under water, through a series of symposiums and workshops, the university has succeeded in raising awareness among its students about the importance of preserving the river environment and fish wealth, and educating Iraqi fishermen to avoid overfishing, especially during fish spawning times, for example, the university organized a symposium on the rivers of Iraq, in which university faculty members and students participated, where ways to combat pollution and rationalize water use were discussed.



The university›s efforts were not limited to the theoretical aspect, but extended to field activities, where it mobiliud students to carry out a campaign to clean the Tigris River, in which dozens of students participated, which was summarized by cleaning the banks of the Tigris River, which contributed in raising awareness of the importance of maintaining the cleanliness of the banks of the Tigris River as a vital tributary for Iraq economically and historically.


أيام مفعمة بالاستدامة
نرسم المستقبل
AL-MUSTAQBAL
Sustainability Week

THE FIRST PRIVATE UNIVERSITY IN THE MIDDLE EAST AL-TURATH UNIVERSITY ESTABLISHED IN 1988

15 LIFE ON LAND

AL-TURATH UNIVERSITY PROMOTES ENVIRONMENTAL SUSTAINABILITY & COMBATS DESERTIFICATION



As part of its efforts to promote environmental sustainability, Al-Tu.rath University, under the direct supervision of the Chairman of its Board of Trustees, Mr. Ali Al-Ogaili launched a series of ambitious initiatives aimed at preserving green spaces in a sustainable manner, these efforts come in the context of addressing the environmental challenges of desertification, land degradation and loss of biodiversity, which are critical factors in ensuring the sustainability of natural resources and the continuity of life on Earth.



Among the most prominent of these initiatives is a large-scale afforestation campaign within the university campus, where hundreds of perennial and evergreen trees were planted with active student participation, this campaign aims at expanding green spaces, enhancing environmental awareness among students and providing recreational spaces to improve the quality of life within the university, the university also planted trees around the external walls, reflect its commitment in preserving plant diversity and combating desertification, these efforts contribute in regulating the climate and preserving natural resources.



At the academic level, the university, through its participation in the local and international conferences and symposiums, called for enhancing sustainable land management, restoring degraded land, and protecting endangered plant species, it also stressed the importance of combating desertification, especially in arid areas that face major challenges as a result of climate change and land misuse.

These efforts are part of a moral and scientific commitment to the environment, as preserving ecosystems and biodiversity is the basis for achieving sustainable development that ensures a better future for future generations, through these initiatives, Al-Turath University confirms that preserving the environment is not just a duty but an investment in the future of the planet and humanity.



16 PEACE, JUSTICE AND STRONG INSTITUTIONS

AL-TURATH UNIVERSITY LEADS ACADEMIC OPENNESS FOR STRONG EDUCATIONAL INSTITUTIONS THAT PROMOTE PEACE & DEVELOPMENT



On the journalism level. the university hosted a delegation of Arab journalists, where the delegation praised the advanced infrastructure and distinguished academic programs offered by the university, the Chairman of the Board of Trustees, Mr. Ali Al-Ogaili stressed the importance of cooperation between educational institutions and the media in enhancing community awareness of the importance of education and cultural legacy.



In order to enhance security, the Chairman of the Board of Trustees, Mr. Ali Al-Ogaili donated a three-storey building with an area of 300 square meters to the National Security Service for their important role in achieving security and safety, liberating the lands of our beloved Iraq from terrorists and preserving internal security.

In another qualitative step, Al-Turath University inked a cooperation agreement with Heriot-Watt University in Britain, which aims at developing postgraduate programs and grant masters and Ph.D. degrees exclusively from the British university, this cooperation is a significant development in the path of higher education in Iraq and reflects Al-Turath University, commitment in achieving academic excellence and keeping pace with international standards.





Alike to the previous, where the Oiairman. of Board of trustees, Mr Ali Al-Ogaili met the Pakistani .AmbaS&1dor to Baghdad, Mr Muhammad Rishan Ahmed at Al-Turath, where the meeting cu1minated in the condusion of sdeoti1k :md research cooperation and the exchange of experiences between Al-Turath University and Pakistani universities, as well as funning joint research teams to support the publishing process in the recognized global web of sciences and enhance the university›s scores in them, which Mr Ali Al-Ogaili directed to grant (20) free scho1arships to Pakistani students in various specialzions.

The university also witnessed inking of a twinning agreement with the Russian Academy of National Economy and Public Administration in the attendance of the Chairman of Board of Trustees, Mr. Ali Al-Ogaili, which aims at enhancing students and faculty members ex- change programs between Russian universities and Al-Turath Univer- sity, which contributes in creating an advanced academic environment that allows outstanding students the opportunity to learn about global.



cultures and educational curricula. these agreements include enhancing capabilities in the fields of innovation, technology transfer and exchange of research and teaching experiences, as well as establishing joint projects in various scientific fields.

In terms of international achievements, Al-Tora.th University achieved a historic achievement via winning the Best Influential Opening Statement Award in the International Mediation and Negotiation Competition held at the University of Vienna, Austria, with the participation of (46) international teams, this victory is a confirmation of the university›s prestigious position in the field of law and arbitration at the regional and global levels and reflects its commitment in achieving excellence in vital fields.



In the context of strengthening international relations, Al-Tu.rath University hosts a high-level delegation from the US Embassy in Iraq headed by the US Cultural Attache for academic cooperation with major American universities, the meeting reviewed signing of a memorandum of understanding aimed at developing graduate programs and exchanging expertise, as well as sending top students of Al-Tora.th University to American universities to complete their postgraduate studies.

Within the framework of enhancing international academic cooperation, Al-Turath University received a high-level delegation from the Canadian University in the Arab Republic of Egypt, headed by the President of the University, the Chairman of Board of Trustees, Mr. Ali Al-Ogaili met them, as well as the visit included a comprehensive tour of the university, including a visit to its advanced laboratories and classrooms and an inspection of its distinguished urban projects and modern recreational facilities, the visit concluded with a fruitful meeting during which ways to expand the horizons of academic cooperation and exchange of expertise and innovation between the two educational institutions were reviewed.



As part of its relentless efforts to enhance its position as an interactive scientific center at the local and international levels, Al-Turath University continued to expand the scope of its academic and research partnerships with leading educational institutions around the world, the university recently concluded a series of memoranda of understanding and partnership contracts with the American University of Science and Technology in Lebanon to train students to meet the needs of the labor market.

17 PARTNERSHIPS FOR THE GOALS

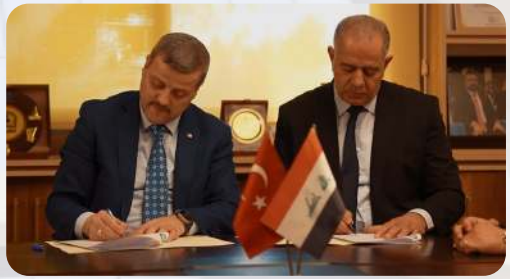
AL-TURATH UNIVERSITY INKS RECOGNIZED GLOBAL & ACADEMIC PARTNERSHIPS



Considering the framework of Al-Turath University›s relentless efforts and under the patronage of its Chairman of Board of Trustees, Mr. Ali Al-Ogaili, the university signed a series of strategic partnerships with international, Arab and local universities and companies to enhance international academic cooperation, these partnerships come in line with the sustainable development goals, which aim at enhancing knowledge exchange and building a sustainable educational environment that keeps pace with global developments. Al-Turath signed an agreement with Iranian Ahvaz University for an integrated program for postgraduate studies in medical specialties, these agreements represent an important step towards enhancing cooperation in the fields of postgraduate studies, scientific research, innovation and exchange of expertise in a way that supports the achievement of sustainable development goals and the desired partnerships to achieve the goals of developing the academic infrastructure and providing advanced educational opportunities for students.



Al-Turath University recently participated in the activities of the Business Tour Conference organized by Huawei, where the conference highlighted the importance of enabling comprehensive technological solutions in supporting digital transformation and sustainable development, with the participation of more than (200)of international and Arab universities and companies, reflecting the importance of international cooperation in enhancing technology and innovation.



One the most prominent partnerships signed by Al-Turath University are agreements with the Public Turkish Gazi Public University and the Chinese Nanjing University, which enhances the university›s position as one of the most prominent educational institutions in the Middle East, these partnerships are a strategic step towards enhancing cultural and scientific exchange in a way that supports the achievement of sustainable development goals at the regional and global levels.



AI-Turath University's Published Researches in Scopus Related to Sustainable Development's Goals

Documents | Structure | Collaborators | Sustainable Development Goals 2023 (New)

New: See at one glance Sustainable Development Goals mapped to this organisation

Sustainable Development Goals (SDGs) are specific research areas that are helping to solve real-world problems. Elsevier data science teams have built extensive keyword queries, supplemented with machine learning, to map documents to SDGs with very high precision. Times Higher Education (THE) is using Elsevier SDG data mapping as part of its Impact Rankings. More about SDGs >

SDG contributions

Goal 1: No poverty	4 documents	Goal 10: Reduced inequalities	12 documents
Goal 2: Zero hunger	9 documents	Goal 11: Sustainable cities and communities	52 documents
Goal 3: Good health and well-being	129 documents	Goal 12: Responsible consumption and productior	29 documents
Goal 4: Quality education	15 documents	Goal 13: Climate action	47 documents
Goal 6: Clean water and sanitation	38 documents	Goal 14: Life below water	2 documents
Goal 7: Affordable and clean energy	135 documents	Goal 15: Life on land	8 documents
Goal 8: Decent work and economic growth	27 documents	Goal 16: Peace, justice and strong institutions	14 documents
Goal 9: Industry, innovation and infrastructure	106 documents	Goal 17: Partnership for the goals	98 documents


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Environmental Science Research Papers Published by Al-Turath University in Scopus

No.	Authors	Title	Year	Source title
1	Hassan Q.; Al-Jiboory A.K.; Sameen A.Z.; Barakat M.; Abdalrahman K.Y.M.; Algburi S.	Transitioning to sustainable economic resilience through renewable energy and green hydrogen: The case of Iraq	2025	Unconventional Resources
2	Mudhee K.H.; Hilal M.M.; Alyami M.; Rendal E.; Algburi S.; Sameen A.Z.; Khurramov A.; Abboud N.G.; Barakat M.	Assessing climate strategies of major energy corporations and examining projections in relation to Paris Agreement objectives within the framework of sustainable energy	2025	Unconventional Resources
3	Mohammed M.I.; Abid M.F.; Albassam I.; Abdullah H.M.; Abdul Razak A.A.; Mahmoud M.A.; Alaq E.K.; Aswed F.M.	Characterization of Minerals and Health Impact of Metals in Dust Storm Fallen on Baghdad, Iraq	2024	Asian Journal of Water, Environment and Pollution
4	Hassan Q.; Algburi S.; Jaszczur M.; Al-Jiboory A.K.; Al Musawi T.J.; Ali B.M.; Viktor P.; Fodor M.; Ahsan M.; Salman H.M.; Sameen A.Z.	Hydrogen role in energy transition: A comparative review	2024	Process Safety and Environmental Protection
5	Ismaeel M.M.; Al-Dergazly A.A.; AbdulKareem S.K.; Al-Jaburi K.	Effects of selective laser melting process parameters on 3D-printing of Ti6Al4V/ST316L composite material and their optimization using response surface methodology	2024	Heritage and Sustainable Development
6	Abdulla F.M.; Shnain Z.Y.; Alwasiti A.A.; Abid M.F.; Abdurahman N.H.	Photocatalysis technology for treating petroleum wastewater and the potential application of tapered bubble column (TBC): a review	2024	Global Nest Journal
7	Saber R.Y.; Karim N.O.; Alatabe M.J.	Chemical oxidation for oil separation from oilfield-produced water / homogeneous process by batch technique	2024	Tikrit Journal of Engineering Sciences
8	Raja S.; Rusho M.A.; Singh C.; Khalaf A.M.; Ismael S.H.; Qader E.A.A.; Jawad Z.N.; Mustafa M.A.; Kumar A.P.	Surface functionalization of bio-based polymers in FDM: A pathway to enhanced material performance	2024	Applied Chemical Engineering
9	Al-Alwan A.A.K.; Al-Bazoon M.; I.Mussa F.; Alalwan H.A.; Hatem Shadhar M.; Mohammed M.M.; Mohammed M.F.	The impact of using rice husk ash as a replacement material in concrete: An experimental study	2024	Journal of King Saud University - Engineering Sciences
10	Varma V.K.C.; Rathinam R.; Suresh V.; Naveen S.; Satishkumar P.; Abdulrahman I.S.; Salman H.M.; Singh P.; Kumar J.A.	Urban waste water management paradigm evolution: Decentralization, resource recovery, and water reclamation and reuse	2024	Environmental Quality Management
11	Eldalawy R.; Nasser N.M.; Hussein A.M.	Microscopical, phytochemical, and LC/MS analysis of Ginkgo biloba leaves	2024	Plant Science Today
12	Alamir H.T.A.; Alalaq I.S.; Naser S.T.; Abdulamer R.S.; Abid M.M.; Dawood I.I.; Idan A.H.	Fabrication of Polymeric Chitosan-g-P (ITA-co-AM) Nanocomposite Using Copolymerization and Application to Removal Metformin Drug from Aqueous Solution	2024	Asian Journal of Green Chemistry
13	Sarran M.A.; AbdulRazak A.A.; Abid M.F.; Jawad A.D.	Oily wastewater treatment using low-cost and highly efficient natural and activated Iraqi bentonite	2024	Desalination and Water Treatment

14	Mohammed M.K.A.; Shalan A.E.; Dehghanipour M.; Mohseni H.R.	Retraction notice to "Improved mixed-dimensional 3D/2D perovskite layer with formamidinium bromide salt for highly efficient and stable perovskite solar cells" [Chem. Eng. J. 428 (2022) 131185] (Chemical Engineering Journal (2022) 428, (S1385894721027662), (10.1016/j.cej.2021.131185))	2024	Chemical Engineering Journal
15	Jawad Z.F.; Salim L.G.; Hussain S.S.; Salman A.J.; Radhi S.	Optimizing the performance of concrete tiles using nano-papyrus and carbon fibers	2024	Open Engineering
16	Hassan Q.; Algburi S.; Jaszczur M.; Al-Jiboory A.K.; Al Musawi T.J.; Ali B.M.; Viktor P.; Fodor M.; Ahsan M.; Salman H.M.; Sameen A.Z.	Retraction notice to "Hydrogen role in energy transition: A comparative review" [Process Saf. Environ. Prot. 184 (2024) 1069–1093, (S0957582024001459), (10.1016/j.psep.2024.02.030)]	2024	Process Safety and Environmental Protection
17	Hassan Q.; Algburi S.; Sameen A.Z.; Jaszczur M.; Salman H.M.	Hydrogen as an energy carrier: properties, storage methods, challenges, and future implications	2024	Environment Systems and Decisions
18	Aljeboree A.M.; Naeem Y.A.; Al-Hussainy A.F.; Naser S.T.; Hussein T.Kh.; Saadi B.M.; Alkaim A.F.	Green Synthesis of Biochar Derived from Nutshell Biomass as a Highly Adsorbent Surface for Removal of Brilliant Blue Dye: Experimental and Molecular Dynamics Simulation	2024	Asian Journal of Green Chemistry
19	Lateef N.S.; Abdel Ghani E.T.; Alnedawi I.S.; Alshamary W.F.A.	Effects of Binary Irrigation and Humic Acid on Maize Yield in Saline Conditions	2024	International Journal of Design and Nature and Ecodynamics
20	Kuchampudi S.V.; Panchal S.; Naveen S.; Suresh V.; Satishkumar P.; Abdulrahman I.S.; Salman H.M.; Singh P.; Padmapriya S.	Analysis of sustainable groundwater management policies for urban development	2024	Environmental Quality Management
21	Hussain A.J.; Al-Khafaji Z.S.; Al Saffar I.Q.	New recycling method of lubricant oil and the effect on the viscosity and viscous shear as an environmentally friendly	2024	Open Engineering
22	Hassan Q.; Al-Musawi T.J.; Algburi S.; Al-Razgan M.; Awwad E.M.; Viktor P.; Ahsan M.; Ali B.M.; Jaszczur M.; Kalaf G.A.; Al-Jiboory A.K.; Sameen A.Z.; Salman H.M.	Evaluating energy, economic, and environmental aspects of solar-wind-biomass systems to identify optimal locations in Iraq: A GIS-based case study	2024	Energy for Sustainable Development
23	Jery A.E.; Satishkumar P.; Abdul Jaleel Maktoof M.; Suplata M.; Dudic B.; Spalevic V.	Sustainable Heat Transfer Management: Modeling of Entropy Generation Minimization and Nusselt Number Development in Internal Flows with Various Shapes of Cross-Sections Using Water and Al2O3/Water Nanofluid	2023	Water (Switzerland)
24	Al-Attar Z.; Jassim S.; Abbood M.A.; Hussein W.A.	Knowledge of Medical Students Regarding Antimicrobial Resistance	2023	Proceedings of the Pakistan Academy of Sciences: Part B
25	El Jery A.; P S.; Mahmood Salman H.; majeed saeed S.; Mohamed Khedher K.	Comparison of different approaches for numerical modeling of nanofluid subcooled flow boiling and proposing predictive models using artificial neural network	2023	Progress in Nuclear Energy
26	Shadhar M.H.; Mohammed M.M.; Abdullah M.H.; A. H. Shather; Alalwan H.A.	Self-healing of concrete using bacteria: investigation of the impact of the process's conditions	2023	Innovative Infrastructure Solutions
27	Hassan Q.; Al-Hitmi M.; Tabar V.S.; Sameen A.Z.; Salman H.M.; Jaszczur M.	Middle East energy consumption and potential renewable sources: An overview	2023	Cleaner Engineering and Technology

28	Jasim A.H.; Radhi N.S.; Kareem N.E.; Al-Khafaji Z.S.; Falah M.	Identification and investigation of corrosion behavior of electroless composite coating on steel substrate	2023	Open Engineering
29	Hassan Q.; Azzawi I.D.J.; Sameen A.Z.; Salman H.M.	Hydrogen Fuel Cell Vehicles: Opportunities and Challenges	2023	Sustainability (Switzerland)
30	Li B.; Amin A.H.; Ali A.M.; Isam M.; Lagum A.A.; Sabugaa M.M.; Pecho R.D.C.; Salman H.M.; Nassar M.F.	UV and solar-based photocatalytic degradation of organic pollutants from ceramics industrial wastewater by Fe-doped ZnS nanoparticles	2023	Chemosphere
31	Amari A.; Noreen A.; Osman H.; Sammen S.S.; Al-Ansari N.; Salman H.M.	Investigation of the viable role of oil sludge-derived activated carbon for oily wastewater remediation	2023	Frontiers in Environmental Science
32	Mahmood L.H.; Abid M.F.; Abdulrazak A.A.; Kadhim B.J.; Abdulla I.N.	Experimental and analysis study on removal of furfural in synthetic refinery wastewater using an agricultural waste-based modified adsorbent	2023	Desalination and Water Treatment
33	Alabada R.; Kadhim M.M.; sabri Abbas Z.; Rheima A.M.; Altimari U.S.; Dawood A.H.; jawad al-bayati A.D.; Talib Abed Z.; Saeed Radhi R.; Salam Jaber A.; Hachim S.K.; Ali F.K.; Mahmoud Z.H.; Kianfar E.	Investigation of effective parameters in the production of alumina gel through the sol-gel method	2023	Case Studies in Chemical and Environmental Engineering
34	Alawamleh H.S.K.; Mousavi S.; Ashoori D.; Salman H.M.; Zahmatkesh S.; Sillanpää M.	Wastewater Management Using Coagulation and Surface Adsorption through Different Polyferrics in the Presence of TiO2-g-PMAA Particles	2023	Water (Switzerland)
35	Wang X.; Mohammadzadehsaliani S.; Vafaei S.; Ahmadi L.; Iqbal A.; Alreda B.A.; Talib Al-Naqeeb B.Z.; Kheradjoo H.	Synthesis and electrochemical study of enzymatic graphene oxide-based nanocomposite as stable biosensor for determination of bevacizumab as a medicine in colorectal cancer in human serum and wastewater fluids	2023	Chemosphere
36	Ismaeel G.A.; Gheni M.B.; Abbas S.Q.; Jaber M.M.; Ali M.H.	DEVELOPING SATELLITE HYPERSPECTRAL IMAGE PROCESSING USING A MAXIMUM ABUNDANCE CLASSIFIER WITH NINE GROUND TRUTH CLASSES	2023	Eastern-European Journal of Enterprise Technologies
37	Rheima A.M.; sabri Abbas Z.; Kadhim M.M.; Hashim Mohammed S.; Yahaia Alhameedi D.; Rasen F.A.; jawad al-bayati A.D.; Ramadan M.F.; Talib Abed Z.; Salam Jaber A.; Hachim S.K.; Ali F.K.; Mahmoud Z.H.; Kianfar E.	Aluminum oxide nano porous: Synthesis, properties, and applications	2023	Case Studies in Chemical and Environmental Engineering
38	Sangeetha A.; Shanmugan S.; Alrubaie A.J.; Jaber M.M.; Panchal H.; Attia M.E.H.; Elsheikh A.H.; Mevada D.; Essa F.A.	A review on PCM and nanofluid for various productivity enhancement methods for double slope solar still: Future challenge and current water issues	2023	Desalination
39	Mareai B.M.; Al-Khafaji Z.S.; Al-Husseinawi F.	Bio-Medical Waste Management and Analysis for Selected Hospitals in Southern and middle parts of Iraq: [Nakládání s biomedicínským odpadem a analýza pro vybrané nemocnice v jižní a střední části Iráku]	2023	Waste Forum
40	Saify S.; Radhi M.S.; Al-Mashhadi S.A.; Mareai B.; Jabr S.F.; Mohammed Z.A.; Al-Khafaji Z.; Al-Husseinawi F.	Impact of waste materials (glass powder and silica fume) on features of high-strength concrete	2023	Open Engineering

41	El Jery A.; Ahsan A.; Sammen S.S.; Shanableh A.; Sain D.; Ramírez-Coronel A.A.; Uddin M.A.; Maktoof M.A.J.; Shafiquzzaman M.; Al-Ansari N.	Industrial oily wastewater treatment by microfiltration using silver nanoparticle-incorporated poly (acrylonitrile-styrene) membrane	2023	Environmental Sciences Europe
42	Al-Humairi B.A.J.; Rahal N.S.; Alalwan H.A.	Studying the effect of climate elements variability on surface water runoff and infiltration rate in Babylon province by using statistical analysis	2023	International Journal of Hydrology Science and Technology
43	Al-Hetty H.R.A.K.; Jalil A.T.; Alghazali M.W.; fadel H.; Ahmed O.S.; Abosaooda M.; Ali M.	Nanomaterials for combination cancer photothermal therapy	2023	Emergent Materials
44	Alawamleh H.S.K.; Mousavi S.; Ashoori D.; Salman H.M.; Zahmatkesh S.; Sillanpää M.	Correction: Wastewater Management Using Coagulation and Surface Adsorption through Different Polyferrics in the Presence of TiO2-g-PMAA Particles (Water, (2022), 15, 1, (145), 10.3390/w15010145)	2023	Water (Switzerland)
45	Amari A.; Alawameleh H.S.K.; Isam M.; Maktoof M.A.J.; Osman H.; Panneerselvam B.; Thomas M.	Thermodynamic Investigation and Study of Kinetics and Mass Transfer Mechanisms of Oily Wastewater Adsorption on UIO-66–MnFe2O4 as a Metal–Organic Framework (MOF)	2023	Sustainability (Switzerland)
46	Alawamleh H.S.K.; Amin A.H.; Ali A.M.; Alreda B.A.; Lagum A.A.; Pecho R.D.C.; Taqi N.; Salman H.M.; Fawzi Nassar M.	Solar light driven enhanced photocatalytic treatment of azo dye contaminated water based on Co-doped ZnO/ g-C3N4 nanocomposite	2023	Chemosphere
47	Salman R.D.; Shnain Z.Y.; Abid M.F.; Mohammed M.I.	Phenol Removal from Wastewater using Fe-Doped TiO2Nanoparticles under Irradiation of UV and Visible Light	2023	Indian Journal of Environmental Protection
48	Hassan Q.; Sameen A.Z.; Salman H.M.; Jaszczur M.	A Roadmap with Strategic Policy toward Green Hydrogen Production: The Case of Iraq	2023	Sustainability (Switzerland)
49	Mahdi S.M.; Hussein S.A.; Salman H.M.; Sfayyih A.H.; Sulaiman N.B.	DEVELOPING MICROPHONE-BASED AUDIO COMMANDS CLASSIFIER USING CONVOLUTIONAL NEURAL NETWORK	2023	Eastern-European Journal of Enterprise Technologies
50	Alkhawaldeh A.K.; Rheima A.M.; Kadhim M.M.; sabri Abbas Z.; jawad al-bayati A.D.; Talib Abed Z.; dashoor Al-Jaafari F.M.; Salam Jaber A.; Hachim S.K.; Ali F.K.; Mahmoud Z.H.; Behzadi pour G.; kianfar E.	Nanomaterials as transmitters of non-viral gene vectors: A review	2023	Case Studies in Chemical and Environmental Engineering
51	Khorsheed Zangana L.M.; Yaseen A.H.; Hassan Q.H.; Mohammed M.M.; Mohammed M.F.; Alalwan H.A.	Investigated kerosene-diesel fuel performance in internal combustion engine	2023	Cleaner Engineering and Technology
52	Alalwan H.A.; Mohammed Ali N.S.; Mohammed M.M.; Mohammed M.F.; Alminshid A.H.	A comparison study of methyl green removal by peroxi-coagulation and peroxi-electrocoagulation processes	2023	Cleaner Engineering and Technology
53	Sonawane C.; Alrubaie A.J.; Panchal H.; Chamkha A.J.; Jaber M.M.; Oza A.D.; Zahmatkesh S.; Burduhos-Nergis D.D.; Burduhos-Nergis D.P.	Investigation on the Impact of Different Absorber Materials in Solar Still Using CFD Simulation—Economic and Environmental Analysis	2022	Water (Switzerland)
54	Majdi H.S.; Altalib M.A.S.; Saleed A.N.A.; Abbas W.A.M.; Hamid O.T.; Al-Saaidi H.A.I.	IDENTIFYING OF THE EFFECT OF THE NUMBER OF TESLA FUSES IN A COILED COLLECTOR ON DIRECT AND REVERSE HEAT TRANSFER	2022	Eastern-European Journal of Enterprise Technologies

55	Hamza A.H.; Hussein S.A.; Ismaeel G.A.; Abbas S.Q.; AbdulZahra M.M.; Sabry A.H.	DEVELOPING THREE DIMENSIONAL LOCALIZATION SYSTEM USING DEEP LEARNING AND PRE-TRAINED ARCHITECTURES FOR IEEE 802.11 WI-FI	2022	Eastern-European Journal of Enterprise Technologies
56	Abed K.M.; Radhi N.S.; Jasim A.H.; Al-Khafaji Z.S.; Radhi S.; Hussien S.A.	Study the effect of adding zirconia particles to nickel-phosphorus electroless coatings as product innovation on stainless steel substrate	2022	Open Engineering
57	Hussein S.A.; Al-Khafaji Z.; Alfatlawi T.J.M.; Abbood A.-K.N.	Improvement of permeable asphalt pavement by adding crumb rubber waste	2022	Open Engineering
58	Amare N.; Al-Bhadly O.; Birhan M.; Sulaiman Hamid S.; Mohamad A.A.H.	The Practices of Solid Waste Utility and Thriving Conditions of Logistics (a Case of Tepi Town): A Study to Treat the Healthy Environment	2022	Journal of Environmental and Public Health
59	Abdul-Razaq A.A.; Nasser H.K.; Hameed A.S.; Mutar M.L.; Alrikabi H.M.B.; AL-Rifaie M.F.; Jaber M.M.	IMPLEMENTATION OF THE ENHANCED ANT COLONY SYSTEM ALGORITHM TO SOLVE RELIABLE COMMUNICATION NETWORK DESIGN	2022	Eastern-European Journal of Enterprise Technologies
60	Hussein S.A.; Hamza A.H.; Al-Shoukry S.; Zahra M.M.A.; Nouwar A.S.A.; Abdulkareem S.A.; Ali M.H.; Jaber M.M.	EVALUATING IMAGE ENCRYPTION ALGORITHMS FOR THE HYPERCHAOTIC SYSTEM AND FIBONACCI Q-MATRIX, SECURE INTERNET OF THINGS, AND ADVANCED ENCRYPTION STANDARD	2022	Eastern-European Journal of Enterprise Technologies
61	Mohammed M.K.A.; Esmail Shalan A.; Dehghanipour M.; Mohseni H.R.	Improved mixed-dimensional 3D/2D perovskite layer with formamidinium bromide salt for highly efficient and stable perovskite solar cells	2022	Chemical Engineering Journal
62	Dameh M.; Baqer A.A.; Zaidi M.; Hachim S.K.; Hameed N.M.; Awadh S.A.; Obaid A.J.; Adhab Z.H.	Evaluating the efficacy of flavonoids from Capparis Spinosa extracts in treatment of Candida Vulvovaginitis	2022	Caspian Journal of Environmental Sciences
63	Al-shami S.A.; Aldahmani S.; Kamalrudin M.; Al-Kumaim N.H.; Al Mamun A.; Al-shami M.; Jaber M.M.	A Model of Motivational and Technological Factors Influencing Massive Open Online Courses' Continuous Intention to Use	2022	Sustainability (Switzerland)
64	Alalwan H.A.; Alminshid A.H.; Mohammed M.M.; Mohammed M.F.; Shadhar M.H.	Reviewing of Using Nanomaterials for Wastewater Treatment	2022	Pollution
65	Radhi S.S.; Al-Khafaji Z.S.; Falah M.W.	Sustainable heating system by infrared radiators	2022	Heritage and Sustainable Development
66	Hassan Q.; Abbas M.K.; Abdulateef A.M.; Abulateef J.; Mohamad A.	Assessment the potential solar energy with the models for optimum tilt angles of maximum solar irradiance for Iraq	2021	Case Studies in Chemical and Environmental Engineering


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ESTABLISHED 1988

Conclusion



Finally, we can assert that Al-Turath University has made great progress in the field of sustainability in all its forms, this is what we have witnessed on the ground and through the implementation of the directives and recommendations of the Chairman of Board of Tmstees, Mr. Ali Al-Ogaili, regarding innovative initiatives to improve the efficiency of using water, electricity and other resources and in application of the goals of sustainable development in a modem and advanced manner, these efforts reflect the commitment of our distinguished university, our faculty members and employees, as well as our dear students, to preserve natural resources and promote the sustainability of resources in a comprehensive manner, which enhances its position as a leading university in the field of higher education and scientific research, so that Al-Turath remains a model and a towering edifice in all fields of science and development.


رئيس مجلس الامناء السيد علي العكيلي

1 NO POVERTY | 2 ZERO HUNGER | 3 GOOD HEALTH AND WELL-BEING | 4 QUALITY EDUCATION | 5 GENDER EQUALITY | 6 CLEAN WATER AND SANITATION | 7 AFFORDABLE AND CLEAN ENERGY | 8 DECENT WORK AND ECONOMIC GROWTH | 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Establishment of the university

The Heritage University was established in January 1988 as the first private university in the Middle East and Iraq. It was founded by the Arts and Heritage Association, which is one of the first active associations. After Professor Ali Al-Akili took over the presidency of the Board of Trustees, the association's name was changed to the Arts and Heritage Institution, which is the founding body of the Heritage University, in 2017.

The university has witnessed a significant renaissance in infrastructure, academic expansion, and urbanization. Several new colleges have been opened, bringing the total number of colleges to 14, which include 35 departments in various scientific and humanitarian disciplines.





- Preparing human staff from the graduates of the University and qualifying them scientifically, culturally and professionally to support the public, private and mixed sectors. Developing and introducing modern scientific majors and curriculum to keep pace with the development taking place internationally considering the capabilities available to the University that meets the labor markets' needs. Working on enhancing the quality of the educational outcome by establishing modern research centers which participates in enriching and developing the scientific research in variety of majors. Establishing solid and real partnership with the international academic institutions and recognized universities in a way that participates in paving the way for academic and scientific cooperation for the University to take its real place among its peers.

10 REDUCED INEQUALITIES | 11 SUSTAINABLE CITIES AND COMMUNITIES | 12 RESPONSIBLE CONSUMPTION AND PRODUCTION | 13 CLIMATE ACTION | 14 LIFE BELOW WATER | 15 LIFE ON LAND | 16 PEACE, JUSTICE AND STRONG INSTITUTIONS | 17 PARTNERSHIPS FOR THE GOALS