



Al-Mustaqbal University

Sustainability Report

2022-2023

Advancing The Efforts to Tackle Climate Change Through partnerships



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جامعة المستقبل
AL MUSTAQBAL UNIVERSITY



Message from the President



Since the establishment of Al-Mustaqbal University, the administration as well as its staff had focused on making the university a key influencer in the community both locally and regionally. The sustainable development goals initiated by the United Nations in 2015 were designed to tackle most of the problems that we face both as a society and as a country. We considered these sustainable goals as challenges to prove that we can put our positive mark on our society locally and regionally.

Numerous actions and initiatives were conducted by both our staff and students to achieve these sustainable goals. These initiatives ranged from voluntary campaigns, awareness campaigns and donations to prove that we are determined to have that positive impact we seek. In addition to these initiatives, we have embarked upon implementing large scale projects to achieve the sustainable development goals in our local community in Babylon province. Also, we focused on research that focuses on sustainability such as, research on health, green energy, water, and other SDGs. These efforts were a step towards raising the public's awareness about the SDGs and to prove that our university is serious about implementing them. Although our efforts are small in scale, but their impact on our society was great. However, many sustainable efforts never reach the level of including them to any ranking methodology. Therefore, these efforts are brought here to make them seen and known by our local, regional, and global audience.

In our pursuit of excellence, we achieved the 1st rank among the private Iraqi higher educational institutes in the Iraqi University Rankings (IRU) for the year 2021-2022. In addition, we achieved the 150th position in the year 2022 in the UI Green Metric ranking. In addition, we achieved the 1st rank among the private educational institution in Iraq in the Times Impact Ranking for the year 2023. Adding to these successes, Al-Mustaqbal University achieved three stars in the QS stars university ranking.

Prof. Dr. Hasan Shakir Majdi

President of Al-Mustaqbal University



About

Al-Mustaqbal University

Al-Mustaqbal University is a Private University established in 2010 in Babylon Province, a well-known historical ancient city, which is located about 100 kilometres to the south of the Capital Baghdad. It has been recognized as per the Iraqi Private Colleges and Universities Amended Law No. (13) of 1996, and hence accredited by the Iraqi Ministry of Higher Education and Scientific Research. Currently, it is considered as one of the leading, multidisciplinary University whether in Iraq or in the region, and gaining a worldwide reputation as it has amazingly expanded to include nine faculties with twenty-three scientific undergraduate programmes such as health and medicine, engineering, technology, sport, law, and humanitarian studies.

Vision

Al-Mustaqbal University resolves to ensure scientific as well as academic excellence, in addition to promoting research quality with the community participation, raising meanwhile quality assurance of education as part of achieving Sustainable Development Goals SDGs.

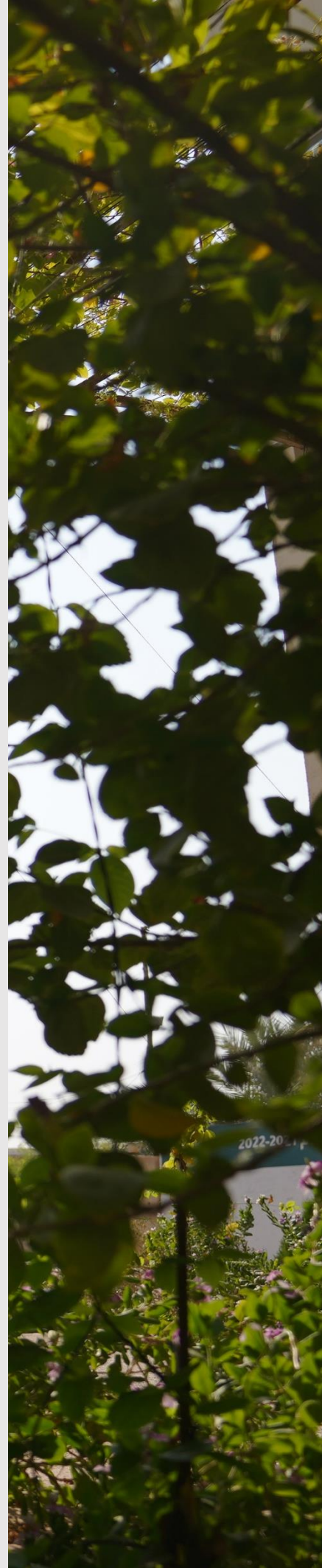
Mission

1. Qualifying graduates and employing contemporary educational technology as per the needs of the labour market.
2. Encouraging academics and creating suitable environment that could lead to promoting research, in which creativity and innovation can be inspired.
3. Communication and interaction with the local community is an essential target to actively contribute to its development.
4. Al-Mustaqbal University shall excel in adopting local, regional as well as international criteria in the processes of teaching and learning to ensure the quality of education and academic accreditation.
5. The College adopts a strategic leadership with an administrative and service support system, all working in the spirit of a team.

Sustainability at Al-Mustaqbal University

Since the announcement of the UN's Sustainable Development Goals (SDGs) in 2015, they have served as a guide for tackling social, environmental, and economical issues in both developed and developing countries. These issues are complicated in their nature and require numerous actors to find solutions. Eyeing this responsibility, Al-Mustaqbal University, represented by its presidency, staff, and students, have endeavoured on tackling these issues to have a positive impact on our society. These efforts were made through research, social engagement, and our own actions within the campus.

Implementing these sustainable goals is of paramount importance to the university. The first step towards sustainability was to legislate numerous policies that aim on putting the university on the right path to achieve our sustainable vision. Our sustainable impact on the society was made through initiatives and projects made by our staff and students. These actions have provided several solutions to local, regional, and global challenges of climate change, energy, environment, and economic growth. Numerous actions and initiatives were conducted by both our staff and students to achieve these sustainable goals. These initiatives ranged from voluntary campaigns, awareness campaigns and donations to prove that we are determined to have that positive impact we seek. In addition to these initiatives, we have embarked upon implementing large scale projects to achieve the sustainable development goals in our local community in Babylon province. Our sustainable efforts can be found at our sustainability website: <https://uomus.edu.iq/Sustainability/Home.aspx>



Faculties At Al-Mustaqbal University



Faculty of Engineering and Technology

- Air Conditioning & Refrigeration Techniques Engineering Department
- Building & Construction Techniques Engineering Department.
- Computer Techniques Engineering Department
- Chemical Engineering and Petroleum Industries Department.
- Biomedical Engineering Department
- Medical Instrumentations Techniques Engineering Department.



Faculty of Health sciences and Technologies

- Medical Laboratories Techniques Department
- Applied Medical Physics Department
- Anaesthesia Techniques Department
- Radiological Techniques Department
- Optics Techniques Department
- Prosthetic Dental Techniques Department
- Intelligent Medical Systems Department



Faculty of Management Sciences

- Business Management
- Accounting Department



Faculty of Dentistry



Faculty of Farmacy



Faculty of Nursing



Faculty of Law



Faculty of Physical Education & Sports Sciences



Faculty of Arts & Humanities

- Department of Media
- English Language and Literature Department





No Poverty

End poverty in all its forms everywhere



Integrated solutions for poverty crisis in Babylon and Iraq.

Poverty has been a standing and significant problem in Iraq for years. Various factors contribute to the existence of poverty within the country. These factors consist of, conflict and instability, terrorism and insurgency, political instability, economic challenges, displacement and migration, infrastructure, and services:

The government of Iraq along with organizations and non-governmental organizations (NGOs) have made efforts to tackle poverty and its underlying causes. These endeavours encompass social welfare programs, development initiatives and projects aimed at enhancing governance and security. Nevertheless, due to the dimensional nature of poverty in Iraq resolving this issue poses numerous challenges resulting in slow progress, across several domains.

Researchers from [Department of Business Management](#) at Al-Mustaqbal University have conducted an extensive project to study the effects of poverty in a rich country as Iraq and to focus on the multi-dimensional indicators of poverty in the society. The study was conducted back in the year 2019 and is still ongoing. The project has focused on the effect the three current strategies implemented by the local government in Babylon Province and their impact on the society. These strategies are: • Social development fund • Food ration tickets • National development plan. The project has concluded the following findings: • Slumps are spots of severe poverty • Development of agricultural lands for supporting the poor families in rural areas. • Supporting vulnerable families through the creation of small projects.

Eradicating poverty is not a task of charity, it's an act of justice and the key to unlocking an enormous human potential

Workshops & Case studies to eradicate poverty.

Experts in the field of [Business Administration](#) have held several workshops that deal with poverty. These workshops were made in cooperation with NGOs that relate to this issue as well as government authorities. As part of our efforts in fighting poverty in Babylon province, numerous scientific case studies were conducted by our staff and students to study the obstacles that prevent long term solutions to this issue. Several statistic tools were adopted to give new insight towards the number of poor families and their income for the sake of assisting the government authorities for identifying them.

Tuition Fees Discount for Low-Income student for 2022

In the efforts of Al-Mustaqbal University to attract as many as possible students from low-income areas around the college, the administration has set a programme to implement discounts reaching 100% for these students.

Category of % tuition fees discount	Tuition fees Reduction Percentage	Number of students
5%	5%	6
10%	10%	626
15%	15%	68
20%	20%	184
25%	25%	49
30%	30%	3
50%	50%	40
90%	90%	3
100%	100%	8
Ministry enquires	10%	265
Relatives of martyrs	10%	62
Faculty Members	10%	17
For brothers	10%	1708
Orphans	10%	358
Social Welfare	10%	322
Pensioners Families	10%	1048
Low-income people	10%	786
Martyrs' Families (first stage 1)	50%	446
Martyrs' Families (2 nd stage)	50%	473
Martyrs' Families Stage (3+4+5)	25%	1025
Top Students	20%	34
Top Students	30%	34
Top Students	50%	51
Top Students	75%	17
Top Students	100%	15
Past Political prisoners	75%	2
Full Scholarship Students	100%	398
Partial Scholarship Students	50%	11
Total		8059



No Poverty

End poverty in all its forms everywhere

Projects for eliminating poverty in local community and beyond.

Project 1: Distributing essential needs for poor families during Ramadan holy month. distribution of basic needs such as clothes and electrical appliances in random areas of Babylon governorate for needy families, which contain the most food needs needed by the family. This project has covered wide areas in the regional areas after an integrated investigation of the key poor areas in the city of Babylon. More than 500 families have benefited from this project. The project has been implemented through several stages as follows:

Stage 1: Identifying the main areas that are facing higher levels of poverty. This stage has been conducted by our partnership with the office for planning in Babylon governorate.

Stage 2: encouraging students, staff, and other potential sponsors to get involved in the project for possible funding.

Stage 3: arranging several visits to distribute the needs for poor families in these areas.



Project 2: Care for families with orphans

The number of Iraqi orphans is estimated to be five million (5% of all orphans worldwide), and nearly the same number of young people live in poverty (Human Rights Report, 2021). Over 4.1 million people, half of them children, need humanitarian assistance. In Babylon city, it is estimated that around one hundred thousand poor orphan children in Babylon city according to the office for statistics in the governorate.

Based on these huge extreme levels, we have implemented several initiatives which includes the following:

First: In partnership with the innovation house foundation for orphans' care, the university has supported this foundation with an [initiative](#) of most of the basic needs and food to make orphan students always happy and comfort.

Second: The Department for Student Activities at Al-Mustaqbal University organized a voluntary initiative by distributing gifts, Eid clothing and stationery to the orphanage in Diwaniyah Governorate to bring joy and pleasure to the hearts of orphans on Eid Al-Fitr. This initiative comes within a series of initiatives and projects adopted by Al-Mustaqbal University to empower orphans, support needy families, and provide aid and assistance to needy families inside and outside the governorate. .





Zero Hunger

End hunger, achieve food security and improved nutrition and promote sustainable agriculture.

Mushroom production for sustainable agriculture on campus

The concept of sustainable agricultural development seeks to achieve sustainable agricultural development that contributes to meeting food needs and providing decent job opportunities for current and future generations. In Iraq, there was and still an urgent need for the role of the state in the development of this vital sector equal with its economic importance for the individual and for the economic development process. Sustainable agricultural development is defined as the process of improving agricultural production quantitatively and qualitatively to achieve food security and reduce dependence on imports, and this can be achieved by making a technical revolution in the methods and means of production.

A [project](#) designed and implemented by Al-Mustaqbal University to produce Mushroom fruits at the green lands of our campus. This [project](#) comes as part of the university continuous efforts to promote the agriculture sector and provide products with high nutritional value. Future University announced its success in growing agarics mushrooms. This mushroom is characterized by its high nutritional value as it contains large percentages of carbohydrates, proteins, fibre, and vitamins such as vitamin D and C in addition, it also contains important minerals such as zinc, calcium, magnesium, and selenium.

The benefits of this mushroom are multiple, as it contributes to strengthening the immune system, reducing cholesterol levels, maintaining healthy skin, lowering blood pressure, in addition to its potential role in preventing cancer. This product is available and being distributed for free and especially for families who are in need in the region of Babylon. Annually, around 5 tons of Mushroom is produced at the farm of the university.



Mega production of fruitful palm trees to tackle the crisis of hunger.

Palm forests have an important role in reducing global warming, as palm cultivation will serve Iraq with the Paris Agreement," stressing "the actual start of work on the application of palm cultivation in modern ways. The demand for palm cultivation is due to several reasons, the most important of which is that after the date palm grows and passes 3 years or more, its need for water is less than the rest of the trees, and this is commensurate with the scarcity of water in the country," noting that "the expansion of palm cultivation if it continues and receives government support and encouragement, the rates of desertification and global warming will be greatly alleviated." Iraq suffers from the expansion of the problem of desertification, which now threatens 55 percent of the country's area.

At Al-Mustaqbal, we have successfully conducted a mega project for cultivating palm trees with more than 1200 tree with various types and dates kinds. The production of dates were thankfully large amounts and have been distributed to university public guests, surrounding regions, and poor families.





Zero Hunger

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

Extended programmes to feed poor families.

Iraq entered a "moderate zone" in the Global Hunger Index, according to the latest table announced and included more than 200 countries, as it jumped between two years from 86th to 66th place, and economists argue that the rise in oil prices, regular salaries and the expansion of the social protection network, contributed to this recovery, while an agricultural expert found that Iraq enhanced food security through imports, not through local production.

staff and students at Al-Mustaqbal University have worked extensively on [programmes](#) to feed the greatest number of families in the rural poor areas surrounding the university. These programmes have covered more than 3000 families who are struggling to secure their daily food needs. Various types of food products were distributed as food baskets including rice, sugar, food oil and vegetables.

Al-Mustaqbal Forum for Sustainable Agriculture

In celebration of World Food Day, The University has held [the first International Forum for Sustainable Agriculture](#). The forum has been attended by national and international organizations such the Iraqi Ministry of Agriculture and the representative of the Food and Agriculture Organization (FAO) in Iraq as well as several agricultural entrepreneurs (feed factories, agricultural nurseries, fertilizer factories, textile palm).

As a part of the forum's activities, numerous agricultural and food products were exhibited by local farmers and food producers. The Forum's objectives were as follows:

- Addressing the obstacles facing to achieve the sustainable development of agricultural areas in Iraq.
- Working on strategies that preserve agricultural lands.
- Prohibiting the use of chemical pesticides that have a negative impact on the environment.





Free dental care for the community.

Our teeth have such an important role to play in our lives. They help us chew and digest food, they help us to talk and speak clearly and they also give our face its shape. Good oral health can have so many wonderful life-changing benefits. By keeping our teeth and gums healthy we are more likely to reduce our risk of certain cancers, particularly in women, as well as some forms of dementia.

[The department of Dentistry](#) provides through our clinics free of charge dental services to the local public. Hundreds of patients with a wide range of ages from both genders visit these clinics daily. Numerous services from cleaning, whitening, and teeth extraction are conducted by our dentistry students and supervised by their lecturers. The clinics are open five days a week from early morning until 3pm in the afternoon. These clinics not only they provide these free of charge services to the local society but also is a great opportunity to engage with our public and provide the best training possible to our students. More than 3000 patients are benefited from our free dental care monthly.



Together for sustainable health and children without heart disease.

in collaboration with Al-Rahma Organization for Child Health, selected group of specialized doctors

The Department of Anaesthesia Techniques organized an extensive project for the examination and diagnosis of various heart diseases in children. This activity came for the early detection of heart disease for children, and this campaign came at Al-Mustaqbal University to examine this age group, especially orphaned children, and low-income children, free of charge. This humanitarian medical initiative is to examine and diagnose children with congenital heart disease, where many children were examined. An integrated medical team of doctors specialized in heart surgery and ultrasound (echo) participated in the campaign. The campaign included performing surgeries for children who need surgical intervention after diagnosis and conducting the necessary tests, and complex cases that cannot be treated inside Iraq will complete the procedures for the patient's travel outside Iraq to receive treatment until he recovers. The project was accompanied by lectures by specialized doctors entitled congenital heart disease prevalence and a lecture of Simple classification of congenital heart disease. It was accompanied by a lecture on timing of cardiac surgery & intervention of congenital heart disease.

The doctors explained for the participant that heart disease is difficult enough when it affects adults, but it can be particularly tragic in children, especially congenital heart disease. Congenital heart disease in children is the most common type of heart disease at this age, which means having a heart problem or defect when a child is born.





Extensive awareness programmes

Diseases communicable and non-communicable, require not only the treatment but the awareness to take precautions not to extract them. Therefore, and as a part of our responsibility towards our community, numerous awareness campaigns have been conducted by our medical departments. The list below is to name some of them:

- Awareness campaign about Cholera
- Awareness campaign about COVID-19.
- A voluntary campaign to teach primary school student the correct way to wash hands to prevent infectious diseases.
- Awareness workshop on rabies, its risks, methods of prevention and treatment, and the necessary measures to be taken in case of infection
- Awareness campaign about the risk of contracting Malaria.
- Awareness campaign to prevent cardiovascular diseases
- Awareness campaign about the harmful effects of excessive use of smart phone by children.
- The psychological healthiness of autistic patients
- Protecting pregnant women from Anemia
- Lymphoma and early detection method
- A voluntary campaign to teach primary school student the correct way to wash hands to prevent infectious diseases.

Awareness campaign on chickenpox

[The campaign](#) emphasized explaining and educating people from different places in Babylon about chickenpox, a viral infection transmitted through the respiratory tract, and causes itching and rashes with small blisters filled with fluid. It is also easily transmitted from person to person, usually lasting about five to ten days. The infection is caused by the varicella zoster virus, which is transmitted either by breathing in the air droplets of the infected person after coughing or sneezing, or by contact with the rash only and not by contact with the infected person. If a person gets chickenpox, they are immune to the virus for life. The best way to prevent is to get the chickenpox vaccine, which is very safe and effective, as most of those who get it will not get chickenpox, and maintaining personal hygiene and the cleanliness of the environment is a key factor in preventing and avoiding infection, so you must stay away from contaminated areas and spread awareness.



World Diabetes Day

On the World Diabetes Day, Al-Mustaqbal University organizes [a forum for diabetes in the life of society](#) under the slogan (Let's make the future sweet without sugar)

In cooperation with the Babylon Health Department, the Diabetes Forum in the Life of the Community and under the slogan (Let's make the future sweet without sugar), which will be held on the fourteenth of November 2022, coinciding with World Diabetes Day and to achieve the third goal of the sustainable development goals, and the activities of the forum included several themes.

The first theme was the scientific symposium tagged (diabetes in the life of society) The symposium dealt with the most important statistics on people with type I and II diabetes, as well as the most important effective treatments for the treatment of patients, and the symposium also dealt with the relationship of sugar with obesity, nutrition, and the relationship of sugar with chronic heart disease. Where the symposium ended with important recommendations and opening the horizons of cooperation with the department in the field of research, as well as the distribution of shields and certificates of appreciation by the Dean to the participants in the symposium.

The 1st International forum on Medical Technology and Anaesthesia

In celebration of World Anaesthesia Day, the department of Anaesthesia Techniques held [the 1st international forum on medical technology and anaesthesia](#) on the 16th of October 2022. The event was attended by several medical academics, physicians, and experts in the field of medical anaesthesia. The forum dealt with many aspects and the latest findings of medicine and anaesthesia techniques. The activities of the forum were accompanied by activities for students of the Department of Anaesthesia Techniques, such as the presentation of paintings on the history of anaesthesia and the human profession offered by this type of specialization. The aim of the forum is to keep pace with the progress in medicine and anaesthesia techniques to provide good knowledge about medicine and anaesthesia and its techniques.





Quality Education



Ensure inclusive and equitable quality education
and promote lifelong learning opportunities for all

Al-Mustaqbal University Programmes to build and maintain local and save primary schools.

Programme 1: Al-Mustaqbal University is keen to achieve the sustainable development goals and continues its campaigns from creating the requirements of study and quality education to our grandchildren students, where the students of the Department of Physical Education and Sports Sciences, in cooperation with the Student Activities Unit, initiated a voluntary campaign on the establishment of a model class in Al-Israa Mixed School High School from painting and preparing desks, boards and stationery in order to create a suitable educational environment for students. Prof. Dr. Mazen Hadi Kazar, Head of the Department of Physical Education and Sports Sciences, stated that education plays a key role in the required transformation into more environmentally sustainable societies, in coordination with government, civil society and private sector initiatives. Education shapes values and perspectives, and contributes to the development of skills, concepts and tools that can be used to reduce or stop unsustainable practices.

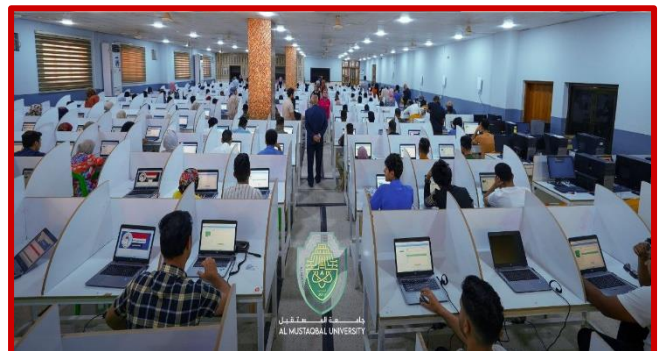
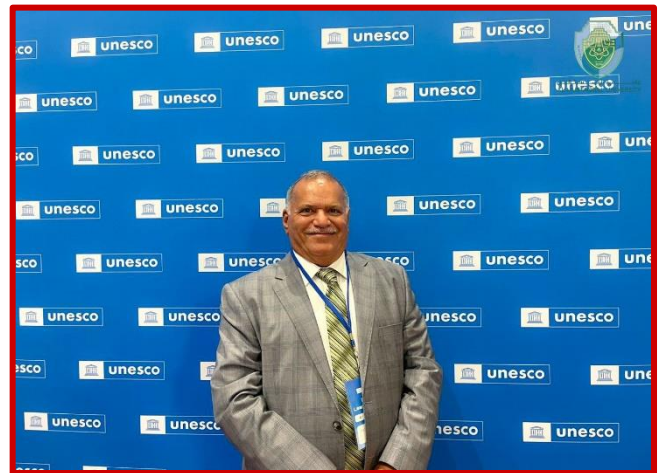
Programme 2: The Department of Radiology Technologies, in cooperation with the Department of Medical Laboratory Technologies at Al-Mustaqbal University and within the student activities plan of the Faculty of Health and Medical Technologies, organized an activity by distributing stationery to students in some schools in the governorate in order to encourage the return to schools and to encourage our beloved students with love of study and learning. It is noteworthy that the department provided many community activities in participation in the service of the Babylonian community and the rapprochement of the relationship between it and university life.



Advancing digitalisation in learning methods

After the effects of Covid-19 are receded in November 2022, the artificial intelligence revolution was launched, which was planned years ago, and dealing with the issue by naming artificial intelligence gives the impression that this is a topic that concerns the people of computers and their sciences, and therefore the topic did not receive the required attention at the beginning except in the scientific and academic circles and almost limited until UNESCO received leadership and leadership in the subject again, which is its work being responsible for the subject (science) globally.

The President of Al-Mustaqbal University, Prof. Dr. Hasan Shakir Majdi, attended the activities of [\(Digital Learning Week\)](#), which was launched at the headquarters of UNESCO in Paris for the period from 4-7/9/2023 and with a wide international presence many ministers of education and education from different countries of the world, directors of organizations in UNESCO and regional directors, in addition to presidents of universities, companies and international institutions. He gave an explanation about digital education applications and artificial intelligence in Iraq and praised the experience and promised to provide scientific support.





Al-Mustaqbal University is the Gold Sponsor of the Iraq International ITEX Exhibition and Conference 2023.

Al-Mustaqbal University pavilion shone as a golden sponsor of the exhibition, as it received many visitors and distinguished guests, including Minister Hiam Al-Yasiri, who was briefed with admiration on the developments and innovations witnessed by the university in the fields of digital transformation and artificial intelligence. In addition to the applications of communication technology, fifth generation networks (5G) and internationally published research. Many university professors participated in the exhibition and conference activities, where they presented discussions and presentations on the latest developments in the field of technology and communications. This presence and active participation of Al-Mustaqbal University is an important step towards promoting education and scientific research in important areas such as digital transformation and artificial intelligence.



Vocational training programmes for our students

Programme 1: The Department of Medical Physics Sciences organized a scientific trip for students of the third stage of the evening study to the Abu Gharq Al-Kabir water project of the Babylon Water Directorate to learn about the stages of water purification and see the laboratory examination mechanism and the methods used to filter and pump water to residential areas. The Babylon Water Directorate and the management of the Abi Gharq project have provided facilities and high attention to the students at the university. They stressed that the Directorate is ready to receive scientific trips and provide information that aims to improve the educational level of students.

Programme 2: The Department of Radiology Techniques organized a training course for students of the third stage of evening study at Imam Al-Sadiq Hospital to identify medical devices to complete the practical part of the medical devices. The campaign was well received by the medical staff in this institution, and they showed cooperation to train the students as they represent the future staff.

Programme 3: The students of the Department of Medical Devices Technology Engineering organized a training course to the textile laboratory and to identify the sterilization device for tissues and medical instruments in Babylon. The campaign has received a great response from the staff in this institution and the conclusion of agreements on repeated visits to plant weddings and spread awareness in a correct and fruitful manner.





Gender Equality

Achieve gender equality and empower all women and girls



Recognising women's role in society through the celebration of international women's day.

The role of women in our society and their contributions was celebrated by our students and staff through organizing the celebration of international women's day on the 8th of March this year. The celebrations were organised by the Women Empowering Unit at Al-Mustaqbal University. Several women from our staff were recognized for their achievements and contribution to the university.

On International Women's Day, the Department of Physical Education and Sports Sciences, in cooperation with the Student Activities Division, held a badminton championship for female students for the departments of the university.

Make the world Orange.

The slogan of the 16 Days campaign against violence against women. The Central Student Activities Division at Future University College, in cooperation with the Women's Empowerment Unit, organized a campaign to end the violence against women. It is a global campaign launched by the United Nations in 1991, with the aim of combating all forms of violence against women and girls around the world. The campaign runs from November 25, the International Day for the Elimination of Violence against Women, to December 10, Human Rights Day. The colour dedicated to the campaign is orange, and the United Nations chose this colour, "as an expression of hope for a bright future free of violence."



A special bazaar for women's products.

Under the slogan (Women are Soul of life), the Student Activities Department, in cooperation with the Women's Empowerment Unit at the university, held a large festival with a special bazaar for women's products in Babylon Governorate on Tuesday, 3/7/2023, in which it focused on its most important achievements in the social, economic, cultural and political fields, and emphasis on gender-based equality for a sustainable tomorrow and building a more sustainable future. The most important paragraphs of the program were (a woman's success story). Babylonian) as well as investing talents, hobbies, and women's energies in the college for (drawing, music, and poetry) It was a celebration full of activity and vitality in honour of her and in recognition of her right to live in dignity, pride, and glory.





Clean Water and Sanitation



Ensure availability and sustainable management of water and sanitation for all.

National Initiative to Support Energy, Water and Reduce Emissions

The National Initiative to Support Energy, Water and Reduce Emissions sent two letters of thanks and appreciation to the president of Al-Mustaqbal University, Prof. Dr. Hasan Shaker Majdi, and to Assistant Professor Dr. Essam Kamel Saleh / Consultant at the president's Office, in appreciation of their great and distinguished efforts in supporting the initiative by sending invitations to participate in the scientific activities organized by the college, as well as the faculty's printing of publications on media awareness of the message and objectives of the initiative and its various teams, and other publications related to climate change and its impact on Iraq. It is noteworthy that the university had previously invited the initiative to participate in the Future Forum for Sustainable and Alternative Energy Research and Studies, which was held on the occasion of World Energy Day on October 22, 2022, as well as to participate in the First International Conference on the Future of Sustainable Energy, which was held by the Faculty for the period from 1-2 March, in addition to inviting it to participate in the First Future Forum for Water Sustainability, which was held on March 18 on the occasion of World Water Day, where there was an active participation of representatives of The initiative through their lectures, through which the attendees were briefed on the current and future activities and plans of the initiative that it seeks to implement. It is noteworthy that the Scientific Supervision and Evaluation Authority had previously directed its uncles to public and private universities and colleges to provide possible support for the initiative to achieve its desired goals in serving our dear country.



On World Water Day, Al-Mustaqbal University holds the first forum for water sustainability.

Under the slogan (rationalizing water consumption is a necessary requirement that we seek to achieve) and coinciding with the World Water Day, which falls on the twenty-second of March annually, Al-Mustaqbal University organized the first [Al-Mustaqbal Forum for Water Sustainability](#) under the auspices of the president of the university, Prof. Dr. Hasan Shaker Majdi, who explained that this day is dedicated to the implementation of the sixth goal of the seventeen sustainable development goals set by the United Nations on providing drinking water and sanitation for all people. The activities of the forum have witnessed the attendance of the Advisor to the Minister of Water Resources, and the Director General of the Environmental Protection and Improvement Authority in the Middle Euphrates, representing the Undersecretary of the Ministry of Environment. The forum discussed several research and studies in two sessions, which included lectures and workshops by specialists representing various state institutions related to the issue of water, where the Director General of the National Centre for Water Resources Management gave a lecture on water resources in Iraq, the reality, challenges, and solutions. The Director of Studies and Investigation at the Public Authority for Groundwater had a lecture on groundwater in Iraq. The topics of the forum was as follows:

- Groundwater in the Western Desert in Iraq,
- The latest water harvesting techniques that are hoped to be used worldwide.
- Water quality in water sources
- Violations on the Hilla Beach responsible for its pollution
- The experiments of modern irrigation and rationalization of water consumption
- Industrial water treatment in oil refineries
- The investment of the Nile flower plant as a biofuel
- The use of artificial intelligence in water resources management.





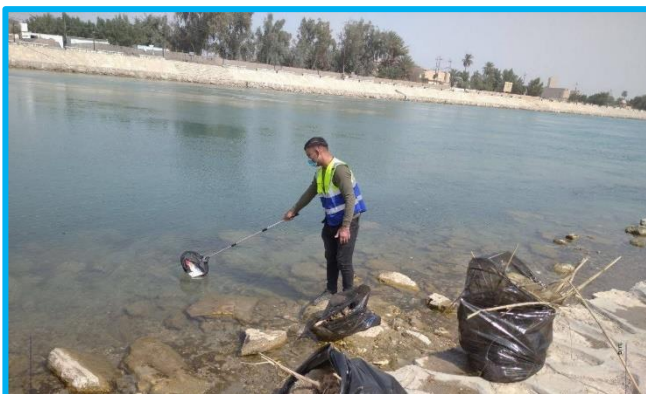
Clean Water and Sanitation



Ensure availability and sustainable management of water and sanitation for all.

Saving our local rivers

Humanity was successful thanks to rivers like the Tigris and Euphrates, so treating them the same way we would treat a respected elder should be expected even without considering how important they still are today for many of the same purposes. These simple ideas are a great way to help keep our rivers alive through water conservation and a bit of environmental friendliness. Numerous campaigns were conducted by the staff and students of Al-Mustaqbal University to raise awareness of the public towards our rivers. These are the vital source for our existence. Not only awareness campaigns were done, but cleaning campaigns were conducted also. Students and staff of the Building and Construction Techniques Engineering Department, in cooperation with the Student Activities Division, conducted [a voluntary campaign](#) in the city of Hilla to introduce the dangers of water contaminants in the Shatt al-Hilla and how to preserve it. The main objective of this campaign was to educate the citizens about the danger of pollution of the coastal waters due to the dumping of industrial waste, plastic waste, and chemicals, which cause great dangers to human health and living organisms under the water. The campaign received a great response from the public who listened well to the advice given by our campaigners. Protected rivers provide communities with a host of benefits including clean water, quality of life, and stronger local economies. River recreation connects people with their local rivers and inspires people to further protect their hometown rivers.



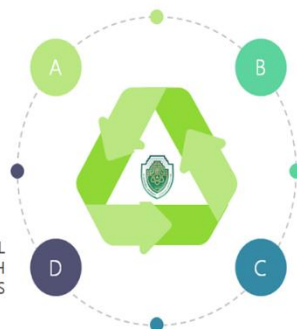
Water sustainability & climate change

Everyone can play a role in helping to save water and fight climate change. From taking a shorter shower or washing at a lower temperature, small changes add up to make a big impact. Activities like this demonstrate our strong belief that adapting to the water-related effects of climate change will protect health and save lives. Changing the way we use water will help reduce floods and droughts, prevent water scarcity, and support the fight against climate change. The science is clear: We cannot afford to wait. The time for positive action to save water and protect our climate is now. The first scientific forum was held under the title [\(\(Water Sustainability and Climate Changes\)\)](#). The forum included three scientific themes: • The first theme: climate change considering the outcomes of the Glasgow Conference COP26. This theme was introduced by Prof. Dr. Ali Al-Lami, consultant, and an expert for environmental and climate change issues in Prime Minister's office. • The second theme: preventive water policy and it was introduced by Prof. Dr. Mohammed Ibrahim, Senior Political Consultant in the Ministry of Water Resources. • The Third theme: hydrology assessment for Iraqi water security and was presented by Prof. Dr. Kadhim Al-Ta'ey, Former Dean in Mosul University



Fundamentals of Water Conservation Policy at Al-Mustaqbal University

FUNDAMENTAL ONE: WATER NEUTRALITY BY 2030



FUNDAMENTAL TWO: WATER STORAGE:

FUNDAMENTAL THREE: RESEARCH AND AWARENESS

FUNDAMENTAL FOUR: PREVENTION OF WATER POLLUTION ON CAMPUS



Ensure access to affordable, reliable, sustainable, and modern energy for all.

Al-Mustaqbal Forum for Sustainable and Alternative Energy Research and Studies.

On the occasion of World Energy Day, Al-Mustaqbal University organized [Al-Mustaqbal Forum for Sustainable and Alternative Energy Research and Studies](#).

Al-Mustaqbal University, in collaboration with the Scientific Association for Energy Studies and Research, held its scientific forum under the slogan "Investing in Clean Energy, Our Path to Sustainable Development," celebrating World Energy Day, which fell on October 22. This day served as an opportunity to raise awareness about the importance of energy, discuss the challenges facing the energy sector, ensure the provision of safe and sustainable energy for all, and determine the need for national policies that reflected the global energy perspective. The forum was attended by various figures from the Ministry of Oil, Electricity, and Environment, as well as researchers, academics from different Iraqi universities, company owners, and organizations specialized in the field of energy.

The President of Al-Mustaqbal University spoke about the global challenges facing the energy sector due to wars, rising fuel prices, and increased pollution resulting from the use of traditional fuels. He highlighted the world's shift towards renewable and clean energies and improving energy efficiency in various sectors and green buildings. The forum was an effort by Al-Mustaqbal University to achieve sustainable development goals, support the energy sector, reduce emissions, and serve as a platform for presenting recommendations and proposals for innovative solutions to address these problems and challenges and expand their use by implementing relevant policies.



New Scientific Breakthrough by Al-Mustaqbal University in collaboration with international universities

Regarding the impact of CO₂ emissions on energy efficiency and conservation in sustainable buildings. As the demand for energy increases and climate changes during this period, it is a major source of human issues. Scientists believe that climate change and global warming are linked to the increase in greenhouse gases due to fossil fuels, especially carbon dioxide (CO₂). Studies have shown that the construction sector is a major source of CO₂ emissions into the atmosphere.

As an initial stage in every energy-saving building project, diagnosing, and analyzing energy usage in the building and carbon emissions is of utmost importance to improve building energy management. Carbon emissions are controlled by the carbon content in energy, which is determined by the energy supply system. The rate of change greatly accelerates after building modification. However, despite the rising costs of energy consumption, the current situation has been developed. According to the above research results, while changes in the energy structure contribute less to carbon emissions, the pace of carbon dioxide emissions can be somewhat slowed down if the use of new energy sources such as gas and wind energy sources increases.

It has been determined that this method can save a significant amount of energy and carbon dioxide. The main benefits identified include larger building performance, fast and sustainable design processing, increased energy efficiency, and superior design options.





Affordable and Clean Energy



Ensure access to affordable, reliable, sustainable, and modern energy for all.

The First International Conference on the Future of Sustainable Energy (ICFSE 2023)

Al-Mustaqbal University concludes the activities of [the First International Conference on the Future of Sustainable Energy \(ICFSE 2023\)](#), which was held over two days under the slogan "Investing in Clean Energy: Our Path to Sustainable Prosperity." The closing sessions of the conference were attended by the Governor of Babil, along with several department directors, experts, and researchers.

Following this, the conference's sessions for discussing accepted research papers began, with the fourth session chaired by a president and rapporteur, and the fifth session led by another president and rapporteur.

The conference concluded with the presentation of the conference shield to the Governor of Babil and extended gratitude to the researchers, scientific and preparatory committees, and all participants for the success of this important international event at the local level.

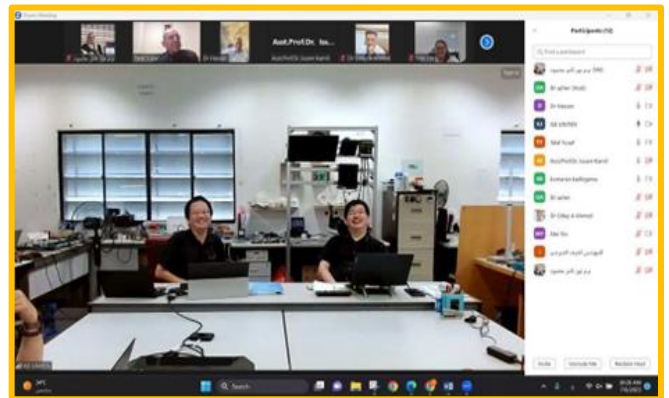


Al-Mustaqbal's Energy Research Center

In the presence of international participants, an extensive meeting was held for the establishment of Al-Mustaqbal's Energy Research Center.

The President of Al-Mustaqbal University chaired the committee meeting and the formed team for the establishment of Al-Mustaqbal's Energy Research Center, where the international team from the Energy Research Center at the University of Uniten in Malaysia presented proposals and the strategic objectives for the center. The team also discussed the experience of the Energy Research Center at Uniten University, highlighting the most important projects and research conducted, as well as the potential for transferring all Malaysian experiences and expertise to the Future Energy Research Center.

The Dean of the College of Engineering presented projects and research in the field of renewable energy and energy conservation, aiming for the university to achieve an advanced position in the energy sector for global rankings. The university president expressed his full support for the establishment of the center and extended his gratitude to the committee and the international support team for providing scientific and technical consultations to the center.





Promote sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all.

The second Al-Mustaqbal Career Fair

With the participation of dozens of companies, Al-Mustaqbal University organizes [the second Al-Mustaqbal Career Fair](#). The fair was organized by the Rehabilitation and Follow-up Unit in cooperation with the Central Student Activities Division. In the presence of several government and academic figures, directors and representatives of academic institutions, officials of private and public sector companies, and the presence of many graduates and students. Eighty companies and institutions participated, with wide participation from the Chamber of Industry, the Holy Husseiniya Shrine, the Syndicate of Engineers, banks, pharmaceutical companies, telecommunications, and electricity. Through the employment fair, the college seeks to open the horizons of cooperation with public and private sector institutions to obtain the largest number of job grades, and the number of degrees granted has reached approximately 100 job degrees, according to the needs of the various specializations required in the work environment. This exhibition has become a link between graduates and employers and to learn about the skills of graduates directly. This edition of the exhibition aims to support the efforts of localization of jobs, achieve linkages between sectors and obtain continuous training service for students and graduates. And the great role of companies and their keenness to provide community service to graduates, which leads to a great development.



Al-Mustaqbal University's Riyadh Initiative Workshops Inspire Youth Empowerment (Programmed)

Al-Mustaqbal University proudly hosted the [Riyada Development and Employment Initiative workshops](#). These sessions, which took place from Sunday, 8/27/2023, at the esteemed Medical Library of Al-Mustaqbal University, welcomed a vibrant group of (20) young men and women selected through the Electronic System of the "Riyada" initiative.

Throughout the workshops, participants delved into essential topics such as the management of small and micro projects, the intricate process of establishing them, and the fundamental requirements for their success. Attendees gained valuable insights into individual skills, cultivating networks of relationships, and effective money management, all essential components of successful entrepreneurship.

The training sessions extended over five consecutive days, blending theoretical learning with hands-on participation and interactive brainstorming principles. Participants not only conceptualized their business ideas but also learned to develop economic feasibility reports, a crucial step toward transforming their dreams into viable projects. This initiative was a testament to Al-Mustaqbal University's commitment to fostering the spirit of innovation and entrepreneurship among the youth. The university played a vital role in nurturing entrepreneurial dreams and empowering the leaders of tomorrow. Al-Mustaqbal University remains honoured to have been a part of this inspiring initiative, shaping a future where innovation knows no limits.





Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

The second engineering forum for graduation projects

The Faculty of Engineering and Engineering Technologies at Al-Mustaqbal University organizes [the second engineering forum for graduation projects](#) under the slogan (Graduation projects are creativity and innovation towards a sustainable university).

The forum dealt with several themes:

- Mechanical and thermal applications
- Renewable and clean energy applications
- Reduce the use of fossil fuels
- Preserving the environment and reducing global warming
- Carbon footprint and reduced emissions
- Electronic sensors and remote sensing systems in power systems,
- Oil and petrochemical industries, and the number of participants reached nearly 60 projects from the participating departments (Department of Mechanical Engineering, Department of Electrical Engineering - University of Babylon, Departments of Air Conditioning and Refrigeration Technologies Engineering and Department of Chemical Engineering and Oil Industries at Al-Mustaqbal University). The Director of Planning in Babylon Environment spoke about climate change and its upcoming impact on the environment, and the forum included several diverse paragraphs, during which the students presented their distinguished projects. Posters of graduation projects and practical models manufactured by students were inaugurated. At the end of the forum, the first distinguished projects were honoured with shields and memorial gifts for the Al-Mustaqbal

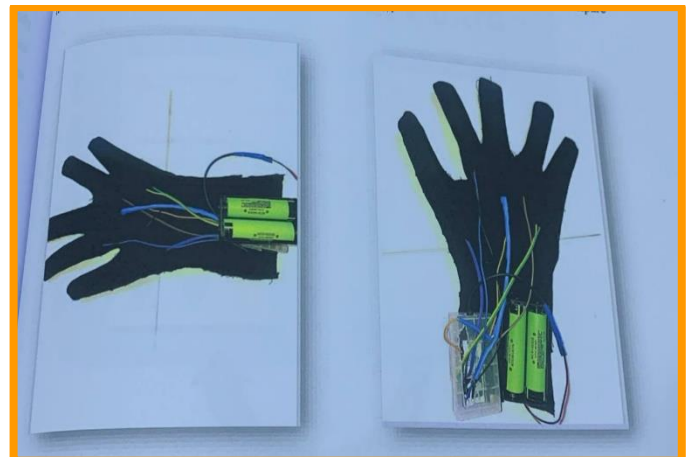


Sustainable innovations for better human health

Innovation 1: Deaf and mute people use sign language to communicate with each other or with their surroundings, but it is difficult for others who do not study this language to understand it. Therefore, the gap between deaf and healthy communities causes many hardships and embarrassments for deaf people. [The project](#) aims to bridge this gap as much as possible by designing a wearable glove that translates sign language through a special app, making it easier for healthy people to understand the signs. The project is mainly based on several flexible sensors (flex sensor) that capture hand gestures and convert them into electrical signals, connected to a microcontroller (esp32) connected wirelessly to an application called REACH TO ALL, using Wi-Fi technology.

Innovation 2: [Drone System for remote sensing environments](#)

Ensuring protection and assistance to the population in the face of disasters and risks is a task that falls to the civil defence teams, which is a body that undertakes a set of procedures and actions necessary to protect the population and public and private property from the dangers of fire, disasters, wars, and various accidents.





Reduced Inequalities

Reduce inequality within and among countries.



More inclusive and diverse strategy

A part of our belief in strengthening our society by adopting concrete strategy that targets the achievement of zero discrimination and racism. Hence, we have developed policies to include all backgrounds and ethnicities through all our procedures within the campus such as employment, student acceptance, student support, etc. Furthermore, we have considered vulnerable people such as children, elderly people, disabled people, widows, and divorcees. Due to wars and terrorism, we have increasing ended up with thousands of orphans and homeless individuals. In response to all these concerns, we have developed several programmes that are interconnected to tackle the core of these issues. Such programmes include, providing full care for orphan homes, and elderly people. This support was extensive and ranged from supplying these homes with their basic needs (food, clothes, appliances...etc.). We have another programme that focuses on training and teaching orphans to enable them to reach a good equality with their counterparts.



Our supporting programmes

These include the following: • Food & Subsistence (includes financial assistance, food Packages and hygiene kits) • Education (includes school fee, books, and school supplies) • Health (includes medical check-ups and referrals for specialist when needed) • Social Uplift (includes extracurricular and group activities and Celebration of National days) • Child Protection Rights (includes home and school visits to ensure the child's safety and provide intervention where needed) • Providing the children that are in need with school wear and uniforms.

Care for elderly centres

We have taken care of our elderly by visiting their homes and providing them with all kinds of support to make them feel that they are not forgotten. The support has included clothes, food products, and some needed medical equipment. Furthermore, planting campaigns to make the gardens of these homes flourish with flowers and evergreen trees were conducted.





Make cities and human settlements inclusive, safe, resilient, and sustainable

A volunteer campaign to address the negative environmental impact of cities and make them more sustainable.

Al-Mustaqbal University conducted a volunteer campaign to address the negative environmental impact of cities and make them more sustainable.

The goals of sustainable development are a plan to achieve a better and more sustainable future for all. These goals address global challenges we face, including poverty, inequality, climate change, environmental degradation, prosperity, peace, and justice. In addition to the interconnectedness of these goals, and to ensure that no one is left behind, a generous initiative by Al-Mustaqbal University, under the university president's sponsorship, led to a collective effort in launching the largest cleaning campaign in the Street 80 area. The campaign included clearing solid waste, waste disposal, providing a safe road in the neighborhood, rehabilitating and resurfacing the street with a thick layer of asphalt. This initiative aligns with Goal 11 (Making cities and human settlements inclusive, safe, resilient, and sustainable). The damages caused by environmental pollution are aimed to be addressed, with a focus on protecting the poor and people living in vulnerable conditions, and reducing the individual negative environmental impact of cities, including by improving municipal waste management and more. These heroic students contributed to this campaign.



Al-Mustaqbal Forum for Urban Planning

Al-Mustaqbal University organized [the First Al-Mustaqbal Forum for Urban Planning](#) under the theme "A Better City for a Better Life" on Saturday, November 19, 2022. The forum featured a diverse range of lectures covering various topics, including urban and sustainable architectural planning, as well as the preservation of cultural heritage and historical sites, in line with the requirements of the eleventh goal of Sustainable Development Goals (Sustainable Cities and Communities).

The forum was attended by representatives from the Babil Municipality, the Babil Antiquities Inspectorate, and a representative from CoEco, an architectural design company, along with the Director of Planning in Babil and the Sustainable Development Unit at Al-Mustaqbal University.

The forum addressed the current situation and the future of the city of Al-Hillah, highlighting the major obstacles and problems hindering its sustainability, and it sought to provide solutions and recommendations for the city's development. A poster exhibition was also opened during the event. At the end of the forum, participation certificates were presented to the speakers and guests, representing various government departments in the province, by the session's director and the representative of the University President in the session was the Head of the Department of Building and Construction Technology Engineering.





Ensure sustainable consumption and production patterns.

Awareness campaign about the benefits of recycling in preserving the environment.

Al-Mustaqbal University organized an [awareness campaign about the benefits of recycling in preserving the environment](#) in pursuit of sustainable development goals.

The campaign included distributing brochures to students to increase their awareness and knowledge about the importance of recycling to dispose of waste, especially plastic materials, which have a significant impact on ensuring that the environment remains unspoiled due to their difficulty in decomposition and the possibility of converting these materials into reusable resources in various fields.

Programmes to increase recycling and responsible consumption.

Numerous programmes focusing on strengthening the culture of recycling and its environmental benefits have been implemented. We can list a number of these programmes as follows:

- Several awareness campaigns of recycling different materials such as polymers and plastics.
- Workshops that dealt with an introduction to the recycling processes of various materials and ways to recycle them using modern methods.
- Studies on utilising solid agricultural waste to remove heavy metals from ground water.
- We have transformed our campus to zero-plastic bags and the only bags used are recycled paper bags. Furthermore, to spread the use of paper bags off campus, the university has distributed thousands of such bags to numerous shops and markets in the city of Al-Hilla.



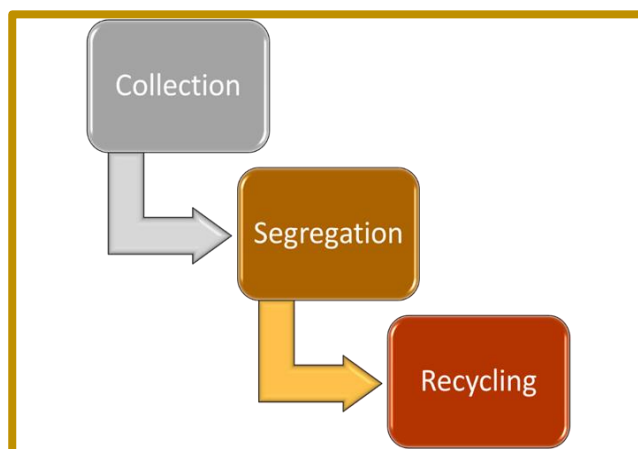
Our recycling policy

In the path for a sustainable campus, Al-Mustaqbal University is taking further steps to cement its position on sustainability. Waste management is an important step towards sustainable development; therefore, a policy should be made to manage waste produced by the campus's facilities. This policy consists of several fundamentals that require both staff and students to follow for achieving a waste free campus. These fundamentals are:

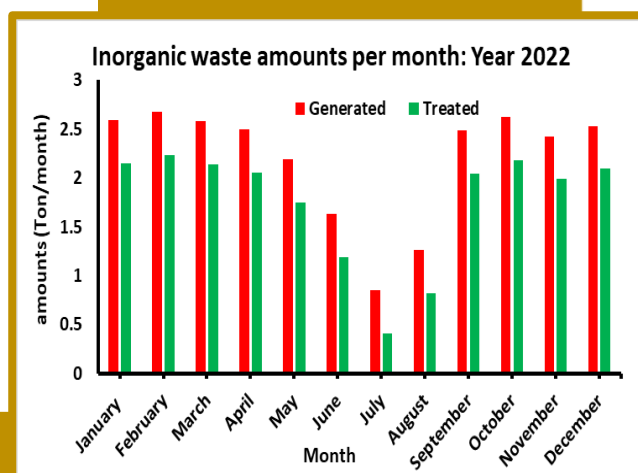
- Waste recycling
- Paper use reduction
- Plastic use reduction and compost
- Research in waste management.

Sorting waste at Al-Mustaqbal

As part of our procedures to manage the waste generated on campus and to ease the process of recycling, separate bins are used to sort out four types of waste. These types of waste are glass, paper, plastic, and food leftovers. These separating bins are distributed around the campus to ensure that waste is sorted.



Waste materials treatment at Al-Mustaqbal University





Climate Action

Take urgent action to combat climate change and its impacts.



Al-Mustaqbal Green Areas

Creating an environment that would benefit our students is a goal that we are eager to achieve. Al-Mustaqbal University pays great attention to vegetation because it has a great impact on purifying the atmosphere and reducing global warming. According to the above, the university has its strategy of planting empty spaces with palm trees and plants with little water consumption to conserve water. Our green areas have increased in size and magnitude triple fold since the establishment of our campus. Green loan and evergreen trees were distributed around the total campus area. In addition, palm trees were also given a priority since it is the Iraqi national tree. Total area on campus for water absorption besides the forest and planted vegetation is 223535 m².



Mitigating climate change on a local scale

As a part of our adaptation to the climate change phenomenon, we have developed extensive planting campaigns to mitigate the effects of desertification on a local scale. These campaigns include: • A campaign to plant multiple types of flowers and evergreen trees [on campus](#). • Planting campaign inside the vocational Education Department in Babylon. • Donation of evergreen plants and flowers in the gardens of elderly homes. • Marking the day for combating desertification, our staff and students have targeted numerous areas to [plant evergreen trees](#)

Al-Mustaqbal University organizes an afforestation campaign on Hilla Corniche

With a distinguished initiative, the Department of Central Student Activities at Al-Mustaqbal University organized a planting campaign on Hilla Corniche, under the patronage of the President of the University, Prof. Dr. Hasan Shaker Majdi. [This campaign](#) comes within the framework of the university's commitment to the sustainable development goals, as it aims to plant a variety of evergreen trees and permanent and seasonal agricultural seedlings with the participation of university students.





Let's Make It Green Initiative

Under the slogan "[Let's Make It Green](#)" and under the patronage and presence of the Minister of Agriculture, and under the supervision of the President of Al-Mustaqbal University, with the participation of the Al-Qasim Green University and in the presence of the honorable members of the House of Representatives, including the member of the Agricultural Committee, and the Governor of Babil, as well as several directors of Babil's agricultural departments, deans, and faculty members, an initiative was launched on Saturday, March 11, 2023, by Al-Mustaqbal University. This initiative aims to build a greener future in Babil province. The Minister of Agriculture inaugurated Al-Mustaqbal Agricultural Exhibition, in which several private sector companies, nurseries, and contributions from students and faculty members of the university participated. The exhibition's goal is to involve everyone in planting trees in the university's corridors and spaces to enhance aesthetics, green spaces, and combat desertification.

The Minister of Agriculture then delivered a speech in which he discussed the scarcity of water, climate change, and the diminishing agricultural lands, emphasizing the Ministry's commitment to modern technologies and promoting agricultural investments.

At the end of the events, the Minister of Agriculture thanked the university and its president for organizing such activities. During his tour of the university's corridors, he praised the urban development. Additionally, the Governor of Babil also thanked the President of the University for their consistent outstanding efforts and expressed gratitude and appreciation to the lecturers, thanking them for their contributions and presence.



Seed distribution campaign

Launching a [seed distribution campaign](#) to promote agriculture and combat desertification" with the participation of all governorates of Iraq. Within the framework of efforts to combat desertification and promote sustainable agriculture, and with the participation of the Director of Media of Future University, Mr. Zaid Al-Shoka, and students of student activities, a group of agricultural activists from various governorates of today Iraq launched a national campaign to distribute autumn seeds for free throughout the country.

This campaign aims to encourage citizens to plant more trees to combat desertification, promote awareness of the importance of preserving the environment and contribute to combating desertification and land degradation. In this campaign, Al-Mustaqbal University affirms its full commitment to social and environmental responsibility and promoting awareness of environmental issues and hopes that this campaign will contribute to preserving the environment and improving the condition of lands affected by desertification.





International Day of Illegal Fishing

On the International Day of Illegal Fishing, [Al-Mustaqbal University releases 100,000 fish in Shatt Al-Hilla.](#)

Al-Mustaqbal University launched one hundred thousand fish in Shatt al-Hilla with a contribution to revive and supplement fish wealth, as illegal, unreported, and unregulated fishing undermines efforts to conserve and manage fish stocks and thus hinders progress towards achieving long-term sustainability and responsibility goals.

IUU fishing also severely harms fishermen who act responsibly, honestly and under the terms of their fishing permits, threatening marine biodiversity and food security for communities that depend on fishery resources that are a source of protein.

According to FAO, illegal, unreported, and unregulated fishing causes huge financial losses of seafood from the seas every year, accounting for one in five fish sold. It also particularly weakens small-scale fisheries and contributes significantly to food insecurity.

Fisheries are an important source of food, employment, entertainment, trade and economy around the world, and fish has emerged as an important commodity in achieving global food security.



A workshop to evaluate the life below water in Iraq rivers.

A scientific symposium entitled (Life Below Water) was held at Al-Mustaqbal University to study the current situation of the species under the river water in Iraq, and this symposium included talking about the importance of the marine environment and the impact of the Corona pandemic on the marine environment and what are the reasons, as well as an explanatory video was presented about the damage of the remnants of the Corona virus, as well as solutions, and that this symposium achieves the sustainable development goals.

The nature of the rivers involves global systems that make the Earth habitable for humans, providing and regulating rainwater, drinking water, weather, climate, coasts, much of our food and even oxygen in the air we breathe through the seas. Carefully managing these essential global resources is one of the key features of a sustainable future. However, at present, there is a continuous degradation of coastal waters due to pollution, and ocean acidity has the opposite effect on the functioning of ecosystems and biodiversity, and this also negatively affects small-scale fisheries.





Life on Land

15 LIFE ON LAND



Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. Resources.

A partnership project with the local directorate of agriculture to advance the efforts of protection the life on land in Babylon city areas.

A delegation from the Babylon Agriculture Department visited the Al-Mustaqbal University wildlife reserve and commended the developments taking place there in terms of animal conservation and the preservation of various species.

The delegation, representing the Genetic Resources Division of the Animal Wealth Department, included the Head of the Genetic Resources Division and the Deputy Head of the Department. They visited the Al-Mustaqbal University wildlife reserve to learn about the features of natural and animal reserves at the university and to conduct a scientific training course at the university's horse stable titled "Description and Census of Horses in Babylon Province." During the training seminar, members of the Babylon Agriculture Department, Animal Wealth Division, delivered a scientific lecture at the university's horse stable on the topic of "Description and Census of Horses in Babylon Province." The course emphasized the significance of authentic Arabian horses in Arab-Islamic heritage and civilization. Trainees were present to fill out comparison forms and record all information related to updating horse records regularly. The Deputy Head of the Genetic Resources Division praised the university for its procedures and exceptional facilitation, extending gratitude and appreciation to the university's president for the warm reception, hospitality, and productive efforts of Al-Mustaqbal University.



The Wildlife Sanctuary at Al-Mustaqbal

The Wildlife Sanctuary at Al-Mustaqbal was established in 2020 for students and the community to observe the local biodiversity. The main idea for establishing such a sanctuary was to provide a safe environment for rare animals to flourish and to protect them from the brink of extinction. It represents a home to diverse species such as Iraqi Deer, coyotes, rabbits, desert fox, monkeys, and thoroughbred Arabic horses. In addition, the sanctuary also is a home to some bird species such as ostrich, pigeons, and peacocks. Furthermore, beehives were distributed across the green areas to further the rewilding action at the university.

Care for birds

We have extended our care for wildlife to be inclusive of birds that nest on trees. An extensive campaign was conducted to distribute bird nests, feeders, and water containers on the trees around the university.



Peace, justice, and strong institutions.

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable, and inclusive institutions at all levels for sustainable development.



Al-Mustaqbal University organized an informative seminar on electronic extortion in collaboration with the Ministry of Interior.

Al-Mustaqbal University held an [educational seminar](#) on electronic extortion. The seminar was presented by the head of the security media cell and the director-general of the Department of Relations and Media at the Ministry of Interior. The head of the law department also participated in the presentation. The seminar took place in the Medical Conference Hall and witnessed a wide attendance, including officers from the Ministry of Interior, as well as ladies, professors, and students.

During the seminar, the audience asked numerous questions, and the speakers discussed the mechanisms and measures that citizens should take to protect themselves from electronic extortion. They also emphasized identifying the relevant authorities for protection and assistance in case of exposure to this threat.

At the end of the seminar, the general praised the high commitment of Al-Mustaqbal University students, their discipline, and their preservation of ethical values. The university's administration expressed their gratitude to the general for his efforts in traveling from Baghdad to provide valuable information and guidance needed by society, especially in a time when social media is widespread, and support for community activities is crucial for public awareness.

educational seminar on the issues of drug abuse and cyberbullying

Al-Mustaqbal University organized an [educational seminar](#) on the issues of drug abuse and cyberbullying, under the patronage of the University's President. The seminar was conducted by the Psychological Counseling and Educational Guidance Unit in collaboration with the Federal Intelligence and Investigations Agency, the Directorate of Drug and Psychotropic Substances Affairs in Babil Province.

The seminar discussed the health hazards of drug abuse, its impact on the nervous system and the body in general, as well as its short-term and long-term effects. It also highlighted the persuasion and promotion methods used by drug dealers, emphasizing that prevention is better than cure, despite the existence of treatment options for those involved in this aspect.

One of the key recommendations that emerged from the seminar is the need for strict legislation to punish the perpetrators of these crimes. It also emphasized the role of families in proper social upbringing, the importance of addressing unemployment, and creating job opportunities for young people, among other recommendations.





Peace, justice, and strong institutions.

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable, and inclusive institutions at all levels for sustainable development.



The International Human Rights Day

There are unremitting efforts supported by large sums of money to encourage the principles of human rights in Iraq, which is the fact of what we see in the activity of the organizations concerned in this regard and their programs, through their workshops, seminars, advocacy campaigns and other mechanisms based on the defence and promotion of human rights, and from the principle of the need to look at the subject from more than one angle, this research raises the question about the extent to which these programs have achieved in creating leaders and defenders that adopt the principle of human rights in a way that is real reflected in her daily behaviour? An individual wishing to be part of the human rights defender's system often thinks that entering this field will provide him with a safe space and a healthy environment through which to start applying these principles. To reach these concepts, the Department of Law at Al-Mustaqbal University holds [a celebration on the International Human Rights Day](#). The ceremony included the signing of the human rights book, as well as a dialogue session was held in which he participated Mr. Ahmed Al-Attar, Director of the Office of the Human Rights Commission in Babylon, and Brigadier General Adel Al-Anawi, representing the Babylon Police Command, discussed the reality of human rights in Babylon and its challenges.



Celebrating the Iraqi Army Day

On the brave Iraqi Army Day, a student delegation from the Department of Law, in cooperation with the Student Activities Division at the university, visited a number of military units and units in Babylon Governorate in order to congratulate them on this occasion, while presenting them with honorary shields on the souls of the martyrs, which reflects the interest Al-Mustaqbal University in this heroic segment.



Awareness lecture on reducing the phenomenon of drugs.

The Department of Law at Al-Mustaqbal University organizes an [awareness lecture on reducing the phenomenon of drugs](#) in Al-Imam High School for Boys. Staff and a group of students of the department, visited Al-Imam Preparatory School for Boys in Al-Mahawil district, for the purpose of giving an awareness lecture on reducing the phenomenon of drugs that would achieve the third and sixteenth goals (peace, justice, and strong institutions),





Partnerships for the goals

Strengthen the means of implementation and revitalize the global partnership for sustainable development.



Regional Partnerships to achieve the goals

Signing a scientific and academic cooperation agreement between the University of Babylon and Al-Mustaqbal University

Based on the desire of the University of Babylon and Al-Mustaqbal University to raise the scientific level, the President of Al-Mustaqbal University, Prof. Dr. Hasan Shaker Majdi, President of the University of Babylon, Prof. Dr. Qahtan Al-Jubouri and the accompanying delegation, which included Prof. Dr. Muhammad Mansour Al-Khafaji, Assistant President for Scientific Affairs, and Prof. Dr. Miri Al-Khikani, Dean of the Faculty of Law.

The President of Al-Mustaqbal University praised all the efforts made, and the most important of what was stated in the terms of the agreement is the first aspect, "teaching and exchanging experiences by professors to give scientific lectures, and the second aspect" scientific research and conducting specialized research through the plan of the Scientific Committee and focusing on publishing research that serves sustainable development, and publishing is in the international containers Scopus and Clarivate. The third aspect included conferences, workshops and scientific seminars, in addition to the fourth aspect, which included joint student activities, the fifth aspect, the quality of laboratories and the development of technical staff, the seventh paragraph, the follow-up to the implementation of the memorandum of cooperation, while the eighth paragraph included the validity period of the memorandum, which is five years from the date of signing the above agreement.



Al-Mustaqbal University signs a scientific cooperation agreement with Al-Qasim Green University

Al-Mustaqbal University, represented by its president, Prof. Dr. Hasan Shaker Majdi, concluded a scientific cooperation agreement with Al-Qasim Green University, represented by its president, Prof. Dr. Hassan Kata Al-Awadi, which included promoting academic and research development.

This came during the visit of the delegation of Al-Qasim Green University, headed by the President of the University, to Al-Mustaqbal University to sign the agreement and discuss the mechanisms of its application. Our president spoke during the signing ceremony: Through this agreement, we look forward to achieving cooperation and exchange of experiences to develop the educational and research process and achieve the strategy of the Ministry of Higher Education and Scientific Research, especially in light of the presence of human energies and infrastructure in the two universities, which ensures joint research, studies and laboratory experiments, as well as the exchange of advice and scientific expertise between the two parties, indicating: This agreement will open prospects for the integration of roles that will reflect positively on the two institutions in the international rankings.

The university, which was concluded based on the instructions of the Ministry, guarantees the two parties to conduct joint research, exchange supervision of graduation projects, provide scientific and research advice according to disciplines, as well as benefit from scientific laboratories and libraries and carry out various scientific activities that ensure the development of scientific, productive, and service aspects.





Partnerships for the goals

Strengthen the means of implementation and revitalize the global partnership for sustainable development.



National Partnerships to achieve the goals

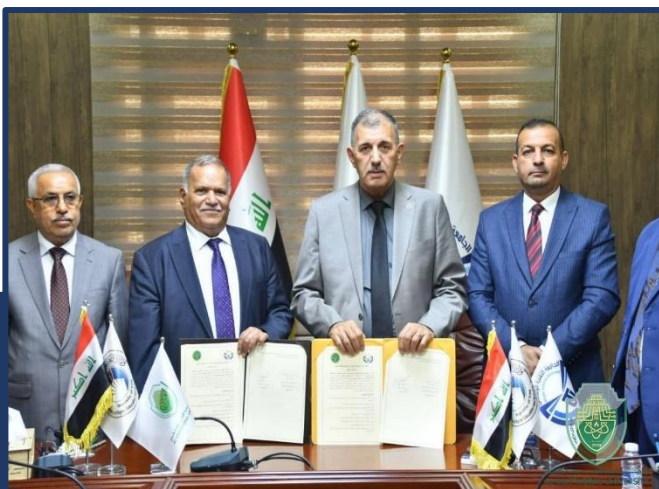
Signing a scientific and academic partnership agreement between the University of Technology and Al-Mustaqbal University

An agreement for scientific and academic cooperation between the University of Technology and Al-Mustaqbal University. The signing ceremony of the scientific and academic cooperation agreement took place by the presidents of the two universities.



Al-Mustaqbal University has signed a scientific and academic collaboration agreement with the Central Technical University in Baghdad.

The agreement aims to enhance the prospects of cooperation between the two universities in the academic, research and scientific fields, through the exchange of visits between students, researchers, and faculty members in the two universities. The importance of this cooperation and permanent and distinguished communication comes through the opportunities provided by this agreement in the interest of the educational process for students at the Central technical University.



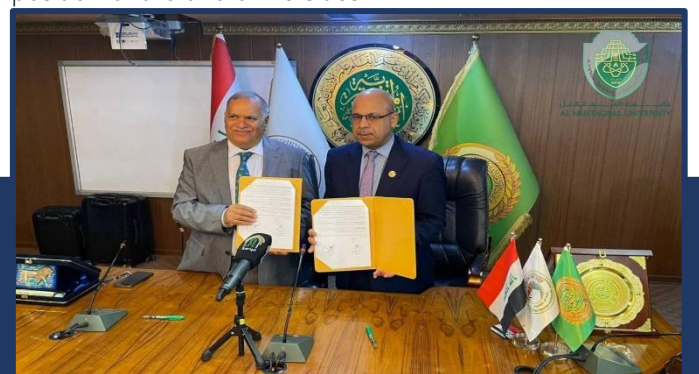
Al-Mustaqbal University signs a scientific cooperation agreement with the University of Kufa.

Signing a scientific and academic cooperation agreement between the two universities, where the agreement aims to benefit from the capabilities and expertise of the University of Kufa in various fields that contribute to the development and improvement of the educational climate between them, as well as the implementation of training programs in areas in which the two universities have development expertise in order to improve educational performance. The mechanism of cooperation included holding conferences and joint events to contribute to the development of the educational process and the exchange of knowledge and experience between the two parties.



Al-Mustaqbal University signs a scientific and academic cooperation agreement with Al-Mustansiriya University.

Signing a scientific, academic, and training cooperation agreement, where the President of Al-Mustansiriya University praised the reputation and status of Al-Mustaqbal University and its progress in the field of scientific research and its distinction as the first private university in Iraq. In turn, the President of Al-Mustaqbal University thanked the presidency of Al-Mustansiriya University and the depth and status of Al-Mustansiriya University and its cadres and its academic and scientific expertise, which enhances the position of the two universities.





Partnerships for the goals

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National Partnerships to achieve the goals

Signing a scientific and academic cooperation agreement between Al-Mustaqbal University and Diyala University

The agreement aimed to enhance cooperation between the two universities in several areas, the most important of which are participation in scientific conferences held by the two institutions, research activities, publishing and arbitration of scientific journals issued by the two universities. Cooperation on joint supervision of student projects, scientific sabbatical, scientific visits, curriculum development, training and other important items that serve the reconciliation of the two parties. The President of the University of Diyala, Mr. Abdel Moneim Abbas Kazim, conducted a tour of the university corridors, facilities, and buildings, and praised the urban development and the distinguished teaching staff and distinguished scientific expertise in the field of communications, biomedicine, renewable energy, dental consulting clinics, medical laboratories, classrooms, and others.



Al-Mustaqbal University signs an academic agreement with Wasit University

an agreement was signed for scientific and academic cooperation between the two institutions to serve their goals.



Al-Mustaqbal University signed an agreement for joint scientific cooperation with Jaber Bin Hayyan Medical University

Al-Mustaqbal University signed an agreement for joint scientific cooperation with Jaber Bin Hayyan Medical University. Through the establishment of various scientific events that will enhance the knowledge and academic balance and involve the teaching staff of the two universities in the scientific research movement.



The launch of the activities of the Second International Conference to Achieve the Sustainable Development Goals.

With the aim of achieving sustainable development, the activities of the Second International Conference to Achieve the Sustainable Development Goals were launched on Sunday morning, 9/7/2023 in Tabriz. Which is jointly organized by Al-Mustaqbal University, the Middle Euphrates Technical University, and the University of Tabriz, which was held in its corridors. Sustainable development initiatives and their social impact were reviewed by the researchers participating in the conference. He presented A group of researchers conducting research dialogue sessions. The first day also witnessed the opening ceremony of the conference and the scientific evening sessions, which began at 2:00, many health, environmental and engineering topics were addressed distributed over the halls, some of which are virtual, and Al-Mustaqbal university has a major role in participation, organization, and events.





Partnerships for the goals

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International Partnerships to achieve the goals

Al-Mustaqbal University signs scientific and academic cooperation with the University of Malaysian Sciences USM

The President of Al-Mustaqbal University, Prof. Hasan Shakir Majdi, signs a memorandum of understanding with his counterpart, the President of University Sains Malaysia (USM), Prof. Dr. Abdul Rahman Mohamed. The President of Al-Mustaqbal university explained that the signing of the memorandum of understanding with USM University, which has leading educational and research experience and advanced ranks in international rankings, represents an important step in establishing a strong relationship between the two universities, and through this cooperation, the two parties will support each other in the development of academic and research cooperation, training professors and students, as well as cooperation in the field of graduate studies. Among the most important internationalization programs for which a preliminary agreement was reached is the desire of the two universities to cooperate in providing a master's program in electronics systems design engineering for USM University, which enables students to access the same curricula and resources through in-person attendance at Al-Mustaqbal University, to overcome logistical, personal and financial constraints, enabling students to obtain high-quality education and adapt their educational experience. With global standards.



Al-Mustaqbal University signs a scientific and academic cooperation agreement with Petronas University of Technology Malaysia (UTP)

The President of our university pointed out in his speech that the conclusion of the cooperation agreement with Petronas University represents an important step in establishing a strong relationship between the two universities, and through this cooperation the two parties will support each other in academic activities, scientific research, innovation, student training, technological and administrative entrepreneurship. While the professors of UTP University praised the global scientific achievements made by Al-Mustaqbal University and expressed the desire for cooperation between the two parties in engineering disciplines. The President of UTP University expressed their university's readiness to accept graduates of Al-Mustaqbal University / Faculty of Engineering / Department of Chemical Engineering and Petroleum Industries to complete their graduate studies and the current students of the department for the third and fourth stages to complete the summer training 2024 .. and they can inquire about the admission mechanism and the conditions of registration and joint supervision by coordinating with the department and the coordinator of the cooperation program, Prof. Dr. Hamza Muhammad Reda Yahya, wishing our dear graduates and students to benefit from the opportunities provided by Al-Mustaqbal University to be an incentive for them to gain experiences Outstanding.





Partnerships for the goals

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International Partnerships to achieve the goals

Training and development for Al-Mustaqbal university academic staff at the University of Multimedia Malaysia (MMU)

In implementation of academic cooperation with Malaysian universities and international cooperation, A group of the academic staff from Al-Mustaqbal university has participated in an extensive training course for developing research, teaching and technical skills from the university of multimedia Malaysia (MMU). The course entitled "Modern Learning Methods and Scientific Research Skills" For the period from (26/7/2023 to 1/8/2023) for training on modern methods of teaching skills and scientific research tools. Where they were received by a delegation of professors of the University of Multimedia and a wide tour was conducted in the corridors and departments of the mentioned university to learn about the latest recent developments in the aspects of scientific laboratories, and the first day included two scientific lectures, one of which was by Dr. (Abdul Aziz Ahmad), which included an introduction to the capabilities of the mentioned university and methods of learning and teaching for students, while the second lecture was by Dr. (Ian Chai) on the art of video creation for teaching using OBS Studio And linking it to other programs, and how to add audio and video compounds, edit images and customize them using GIMP.



A number of academic cooperation agreements were signed with the universities of (UniMAP and UTeM)

Within the framework of mutual collaboration between Al-Mustaqbal University and a number of Malaysian universities, a number of academic cooperation agreements were signed with the universities of (UniMAP and UTeM), letter of Intent for Academic Collaboration. With both the University of Perlis Malaysia UniMAP and the Malaysian technical owners UTeM, which aims to conduct workshops and joint training for distinguished professors and students, cooperation in the field of mutual supervision, preparation and publication of research, and participation in success experiences in the field of quality and academic accreditation, as well as sharing the capabilities available in universities to ensure the intellectual property rights of each party.





Partnerships for the goals

Strengthen the means of implementation and revitalize the global partnership for sustainable development.



Governmental and NGOs Partnerships to achieve the goals

Collaboration with national governmental bodies

- Ministry of Agriculture
- Ministry of Science and Technology
- Ministry of Oil
- Ministry of Planning
- Ministry of Health & the Environment
- Ministry of Water Resources
- Ministry of Electricity



@FAOIraq **FAO Iraq** Locally produced agricultural products in #Iraq #Babylon and within the University College of the Future have been exhibited at the side-event of the Forum dedicated to #WorldFoodDay

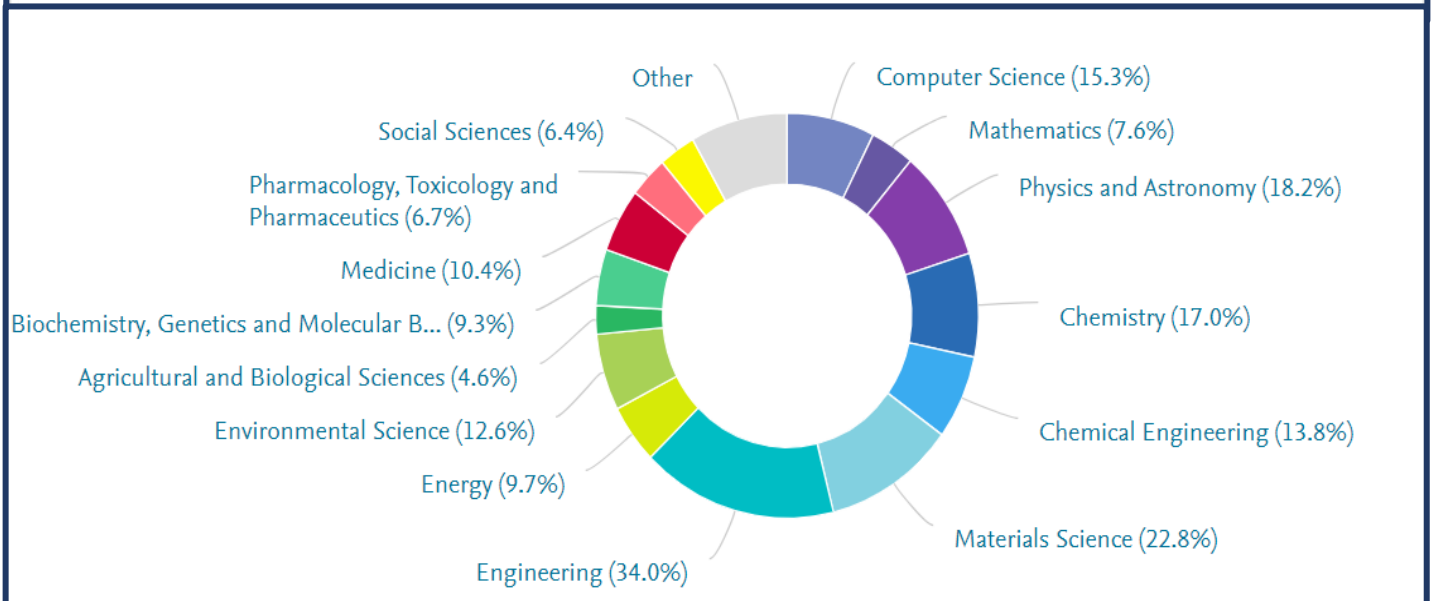
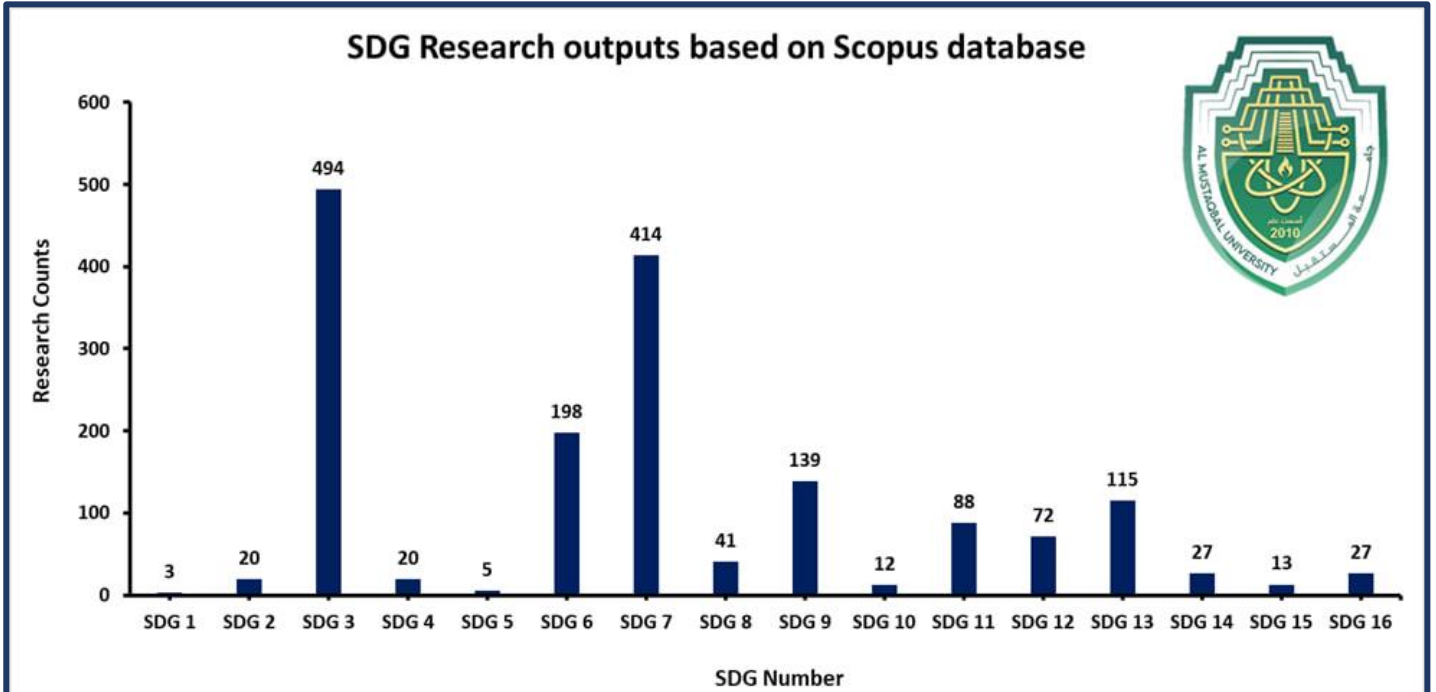


Partnerships for the goals

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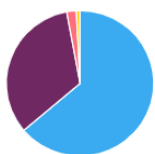
Research Partnerships to achieve the goals



Geographical Collaboration

[Metric guidance](#) [+ Add to Reporting](#) [Export](#)

International, national and institutional collaboration by Al-Mustaqbal University College in the selected year range.



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
International collaboration	63.9%	1,961	9,839	5.0	2.07
Only national collaboration	33.3%	1,021	2,499	2.4	0.95
Only institutional collaboration	2.1%	64	326	5.1	0.75
Single authorship (no collaboration)	0.8%	23	33	1.4	0.44



Al-Mustaqbal University

Sustainability Report

2022-2023

Advancing The Efforts to Tackle Climate Change Through Partnerships

Prepared by the

Sustainability Office at Al-Mustaqbal University

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