



# SDG17: Partnership for the Goals

PARTNER  
FOR THE GOALS





### SDG17: Partnership for the Goals

Al-Furat Al-Awsat Technical University's policies and strategies are well approved and proposed by the Iraqi Ministry of Higher Education and Scientific Research, which aims to develop the necessary capabilities in the field of sustainable development, including

- Stimulation and supporting sustainable development research in International and local universities.
- Highlighting the latest developments in economic, social, Health, and environmental research in conjunction with sustainable development concepts.
- Discussing the obstacles associated with the integration of sustainability with the educational process that face faculty members.
- Discussing the role of SDGs
- Partnerships in terms of supporting scientific research and community services.

The university achieved this goal through the following:

#### - **Consulting offices:**

Universities are distinguished by the presence of consulting offices to provide advisory services to state departments, the private sector, and members of society in accordance with applicable laws and instructions by benefiting from the experience of university professors and craftsmen in various specializations in exchange for fees determined in accordance with laws and instructions. The services of these offices are among the most important that the university provides to society because of its role. He is great at providing advice for investing human and financial resources and preserving the environment in light of scientific foundations that can be applied on the ground and marketed to the beneficiaries.

- **Activities of the cooperation mechanism:** The activities of the cooperation mechanism between the university and the public sector are determined according to effective instructions, such as holding courses for members of government departments and providing some services to the entities that the university deals with, including graduates and state employees.

- **Holding scientific conferences in partnership with local and international universities, which numbered (5) conferences**



## SDG17: Partnership for the Goals

### **In partnership with the University of Kufa and the University of Jaber Ibn Hayyan for Medical Sciences and the Popular Mobilization Forces, Al-Furat Al-Awsat Technical University holds its international scientific conference entitled (Educational Institutions and Their Efforts to Confront Extremism and Intellectual Phobia)**

Under the slogan “With science and knowledge we confront extremism and defeat terrorism” Under the patronage of His Excellency the Minister of Higher Education and Scientific Research, Dr. Naeem Al-Aboudi...Al-Furat Al-Wasat Technical University held its international scientific conference (entitled Educational institutions and their efforts to confront extremism and intellectual terrorism) at the University of Kufa, with the aim of highlighting the pivotal role of educational institutions in promoting the values of tolerance and establishing a culture of rejection. Violence.

The opening ceremony was attended by a representative of His Excellency the Minister, Administrative Undersecretary, Professor Dr. Ibrahim Adnan Al-Jumaili, the President of the University of Kufa, Professor Dr. Yasser Lafta Al-Ugaili, the President of the Middle Furat Technical University, Professor Dr. Hassan Latif Al-Zubaidi, and the President of the Jaber Ibn Hayyan University of Medical Sciences, Professor Dr. Ali Ismail Abdullah, in addition to the presence of High-ranking academic, parliamentary and religious official figures,

With the participation of researchers and specialists from Arab and local universities.

Al-Jumaili in his speech:

University institutions top the list of influential institutions because they possess the scientific requirements and tools that create awareness responsible for diagnosing risks, dismantling emergency phenomena, and transforming them into academic analyzes based on a comprehensive, objective reading that is subject to a number of scientific research without impartiality, enabling them to diagnose the defect, contain it, and prevent the symptoms from moving to the stage of negative exacerbation.

Al-Jumaili conveyed the speech of His Excellency the Minister:

We are working to strengthen the capacity of universities in this context by improving the procedures that guarantee awareness-raising and the provision of community services.

Educational institutions represent a fundamental and pivotal basis by providing an appropriate scientific environment that has the competence and ability to produce human resources capable of applying scientific knowledge and harnessing it in the service of society.

He called for intensifying efforts to confront the environment of extremism, to provide an educational environment that stimulates creativity and innovation, and encourages solid scientific research that is consistent with the relevant strategy of our esteemed Iraqi government, and high interest in community health and development, which is one of the goals that we all seek.

We urge steps to achieve quality education paths through which the foundations of development are consolidated and in whose environment society is secured and its children, resources and blessings are protected at the same time.

In these qualitative conferences, responsibility is evident at its highest levels, requiring everyone to confront this phenomenon through a culture of scientific awareness and concern for achieving sustainable development and responding to its goals in “good education, good health, combating poverty, meeting national entitlements, taking into account changes and overcoming challenges” in order to ensure Sustainable education, performing responsibilities, localizing development goals and moving them towards productive global partnerships.





SDG17: Partnership for the Goals

**A delegation from the Iraqi Mathematics Association on a field visit to Al-Furat Al-Awsat Technical University... and joint scientific and cultural cooperation.**

Based on the principle of extending bridges of scientific and cultural cooperation between Al-Furat Al-Awsat Technical University and the Iraqi Mathematical Society, and with the aim of promoting and strengthening scientific and cultural relations between the university and the society and consolidating frameworks of understanding in the fields of scientific and cultural research, which will reflect positively on the development of the scientific level of both sides, a delegation from the Iraqi Mathematical Society, headed by Professor Dr. Nouri Farhan Al-Mayahi, head of the Al-Anwar Center for Development and Education, made a field visit to Al-Furat Al-Awsat Technical University for the above purpose. The visit included two meetings, one of which was with the President of the University, Professor Dr. Hassan Latif Kazem Al-Zubaidi, during which the association and its scientific activities were introduced and frameworks for joint scientific and cultural cooperation between them were discussed through hosting the thirteenth international scientific conference of the association, which is scheduled to be held at the university for the period 24 - 25 April 2024. As for the second, The Assistant President of the University for Scientific Affairs, Professor Dr. Ahmed Ghanem Waday, and the Director of the Department of Scholarships and Cultural Relations, Assistant Professor Dr. Hashem Ali Hussein, were with him. The visit resulted in a preliminary agreement on a set of foundations that will be adopted in the mechanism for holding the conference. In conclusion, the delegation expressed its thanks and appreciation to Mrs. Saadia Kamil. Awad for her great role in coordinating between the university and the association.



## Signing a memorandum of understanding with Bucharest Polytechnic University in Romania

Within the approach of openness and communication with international universities, the President of Al-Furat Al-Awsat Technical University signed a memorandum of scientific and cultural understanding with Bucharest Polytechnic University in Romania.

The signing of the memorandum is in harmony with the policy of the Ministry, represented by His Excellency the Minister of Higher Education and Scientific Research, to build scientific and cultural relations with reputable universities in a way that achieves the desired benefit from joint cooperation, introduces the capabilities of Iraqi universities, and improves their reputation in international forums, in a way that achieves the internationalization of higher education.

The memorandum discussed the possibility of exchanging scientific expertise through exchanging professors to conduct research, scientific meetings, giving lectures, and discussing theses and theses, as well as supporting scientific projects, training programs, and exchanging students.

The memorandum emphasized strengthening cooperation in the field of authorship and publishing joint scientific research in reputable journals within international scientific resources, in addition to attending conferences, seminars, workshops, scientific and cultural competitions, and participating in scientific activities and events organized by the two universities.



Strengthening means of implementation and revitalizing the global partnership for sustainable development



### SDG17: Partnership for the Goals

Objectives include strengthening domestic and international resources; Debt sustainability; technology transfer and capacity building; promotion of trade; promoting coherence in policies and institutions; respecting countries' policy space; strengthening multi-stakeholder partnerships; Measures of progress, disaggregated data, and community sustainability aims to build strong community partnerships with local communities, non-profit organizations and the government, which contributes to achieving the sustainable development goals in a comprehensive and effective manner. To achieve this goal, the university implemented the following activities:

To achieve this goal, the university works annually to increase the number of partnerships with local, Arab and international universities by signing memorandums of scientific understanding to hold conferences, exchange scientific expertise, and send students on scholarship, on the one hand, and on the other hand, to increase cooperation with state institutions through cooperation mechanism activities and the provision of scientific consultations in various specializations. The university and with non-profit civil society organizations

And communication with the local communities of the university's sites in the Middle Euphrates region. The number of conferences in which the university participated in the year 2023 reached ( ) conference, and the number of memorandums of understanding for the same year reached ( ) memorandum



Signing a memorandum of cooperation between the Karbala Technical Institute and the General Secretariat of the Holy Shrine of Hussein



SDG17: Partnership for the Goals

**Signing a memorandum of understanding with Istanbul Aydin -  
University in Türkiye**

**Signing a letter of understanding with the University of Agricultural -  
Sciences and Veterinary Medicine in Bucharest**

As part of a series of activities of the delegation of technical universities, Al-Furat Al-Awsat Technical University signed a letter of understanding with the University of Agricultural Sciences and Veterinary Medicine in Bucharest.

The President of Al-Furat Al-Awsat Technical University, during his meeting with the advanced staff at the university, gave a speech in which he presented an overview of technical education in Iraq and referred to the initiatives adopted by the Ministry of Higher Education and Scientific Research in the field of internationalization, which constitutes a pivotal goal for the visiting delegation, including the application of the Bologna Pathway in Iraqi universities and the (Study) initiative. In Iraq) launched by His Excellency the Minister and opened the horizons of cooperation with reputable international universities.

The letter of understanding concluded by Al-Zuhairi in the presence of the cultural attaché, Dr. Shaker Kazem, and members of the visiting delegation included several axes of scientific and cultural cooperation proposed in the preliminary version of a detailed memorandum of understanding to be signed later between the two universities.





SDG17: Partnership for the Goals

Participation in the first conference of the Industrial Advisory Council for Universities, organized by the Ministry of Higher Education and Scientific Research



Under the patronage of the Minister of Higher Education and Scientific Research, Dr. Naeem Al-Aboudi, the proceedings of the first conference of the Industrial Advisory Council for Universities were opened at Gilgamesh National University under the slogan of advanced higher education that meets the needs of the labor market. His Excellency the Minister of Higher Education and Scientific Research, in his speech during the conference, indicated the necessity of linking the curricula directly.

By meeting the needs of industrial institutions and reviewing them regularly, to meet all the variables in the global environment and achieving more coordination and cooperation between universities, companies, sectoral ministries, unions and relevant organizations, through industrial advisory councils, in an effective, transparent and sustainable manner, and





### SDG17: Partnership for the Goals

labor market cooperation with universities in order to convey market requirements. To curricula, academic programs, scientific research, and agreement on the fields of training and rehabilitation. He explained that the conference coincides with the completion of the first year of the work of the Ministry of Higher Education and Scientific Research and the establishment of qualitative achievements in terms of qualifying specialized scientific staff, conducting research and community service, indicating that it is an important part of the Ministry's priorities in supporting The private sector and creating job opportunities by establishing appropriate climates that start from scientific knowledge as the effective tool in development and improvement.

The President of Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, participated in the main discussion panel that the first session witnessed, in which the Undersecretary for Public Affairs participated. Scientific research, Professor Dr. Haider Abd Dahd and a number of experts and consultants in the state's sectors. Al-Zuhairi pointed out in his speech the importance of the Industrial Advisory Council in identifying the gap in qualifications between university outputs on the one hand and market requirements on the other hand and creating real job opportunities for graduates that are compatible with their qualifications, as well as Active participation in modernizing curricula, creating programs and specializations that keep pace with the steady progress in all areas of life, reviewing specializations that no longer meet the needs of the labor market, stimulating scientific research that contributes to finding solutions to real problems afflicting the state's sectors, and active participation in building capabilities that benefit the country.

All parties. In another aspect of his intervention, the President of the University referred to some experiences related to the importance of partnership between education and the field of work in international universities. He also referred to a number of success stories achieved at the local level.

It should be noted that the Scientific Assistant to the President of the University, Professor Dr. Ahmed Ghanem Waday participated in the conference proceedings.

## **2nd International Conference on Engineering, and Science to Achieve the Sustainable Development Goals**



### SDG17: Partnership for the Goals

2nd ICASDG2023 is held as a hybrid conference combining physical participation in **Tabriz, Iran**, and online participation, on **9 – 10 July 2023**.

### Conference Aims

Developing the necessary capabilities in the field of sustainable development, including:

- Stimulation and supporting sustainable development research in the Iraqi universities.
- Highlighting the latest developments in economic, social, and environmental research in conjunction with sustainable development concepts.
- Discussing the role of partnerships in terms of supporting scientific research and community services.
- Unveiling the significance of voluntary work to achieving the goals of sustainable education.
- Supporting initiatives that contribute to improving business sustainability and the quality of public services for the governmental and private sectors.
- Developing a road map for sustainable development in the region beyond the COVID-19 pandemic.

### Conference Topics

The conference covers all fields of Engineering, science, and environment but not limited into:

- General Engineering (Mechanical Engineering, Civil Engineering, Chemical Engineering, Electrical, and Electronic Engineering).
- Advanced Material Science (Nanotechnology, Polymers, Metals, and alloys, Advanced ceramic, Advanced material).
- Science (General Physics, Statistical Physics, ICT, Artificial intelligence, Computer Science and Technology, Industry, Pollution, Chemistry, and Biology).
- Renewable and sustainable energy science (Solar energy, Wind energy, Biomass & Alternative fuel).



SDG17: Partnership for the Goals





## Signing a memorandum of joint scientific and cultural understanding with the University of Mosul



Within the approach of openness and communication with Iraqi, Arab and international universities, the President of AL-Furat AL-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, signed a memorandum of joint scientific and cultural understanding with the University of Mosul, in the presence of its president, Professor Dr. Qusay Kamal Al-Ahmadi and the senior staff at the university.

Al-Zuhairi said at the beginning of the signing ceremony that the signing of the memorandum The understanding came in harmony with the ministry's policy, represented by His Excellency the Minister of Higher Education and Scientific Research, to create a real and effective twin between government universities in a way that achieves excellence and prestige for them at the Arab and international levels. In part of his speech, Al-Zuhairi pointed out that the



### SDG17: Partnership for the Goals

University of Mosul represents a great title among universities due to the great achievements it has achieved over its long history. This university has produced thousands of engineers, doctors, writers, and scientists in various specializations who have made clear contributions to Iraqi society... and in the same context.

Al-Zuhairi indicated that he is proud to be one of the graduates of this generous university in the early 1980s. Meanwhile, the President of the University of Mosul presented in his speech an overview of the university's specializations and the scientific achievements that have been achieved recently, as well as the reconstruction and rehabilitation projects that were implemented from the period 2014. Until the present time, which contributed to restoring life to the university, especially since it had been subjected to comprehensive destruction during the events of 2014.

The memorandum of understanding addressed the possibility of exchanging scientific expertise through the exchange of professors to conduct research and scientific meetings, give lectures, and discuss theses and dissertations, as well as supporting scientific projects and training programs. The memorandum also included cooperation in the field of developing curricula in the corresponding departments of both parties.

The memorandum stressed the strengthening of cooperation in the field of authorship and publication of joint scientific research in reputable journals within international scientific bodies, in addition to attending conferences, seminars, workshops, scientific and cultural competitions, and participating in scientific activities and events organized by both parties. The signing ceremony of the memorandum also included the screening of a documentary film for both universities that includes the most important matters Achievements .

### Participation in the first technical education forum organized by the Warith Foundation for Technical Education





**SDG17: Partnership for the Goals**

**Centered on:**

1. The importance of technical education and its role in supplying the labor market with skilled personnel.
2. The challenges facing technical education, reviewing some global experiences that confirm the interest of the major industrialized countries in this type of education and making it their top priority.
3. Pointing out that technical and academic universities bear a major responsibility in bringing about positive change in society and in all aspects of life, with the minds and competencies of professors and a wide segment of students who represent a wide spectrum of society.

Success stories achieved at Al-Furat Al-Awsat Technical University were also presented with regard to building partnerships with the labor market through the Industrial Advisory Council and activating the role of the rehabilitation and employment divisions in providing graduates with soft skills and updating the curriculum to keep pace and meet the requirements of the labor market.

**Organizing the second job fair with the participation of a number of private sector companies and institutions**



**Participation in the meeting of the Council of Technical Universities held in Erbil**





SDG17: Partnership for the Goals

**Holding continuous meetings regarding the future plan for the university's scientific conferences**



Moreover, Al-Furat Al-Awsat Technical University has direct involvement in, or input into, national government or regional nongovernment organizations SDG policy development - including identifying problems and challenges, developing policies and strategies, modeling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management , as the following direct involvement in:

Information	
1	<p><b>1st International Conference on Achieving the Sustainable Development Goals</b></p> <p>URL: <a href="http://icasdg22.atu.edu.iq">ICASDG22 (atu.edu.iq)</a> , <a href="https://atu.edu.iq/?p=21671">https://atu.edu.iq/?p=21671</a></p> <p><b>Description:</b> With the global development in economic thought, the concept of development has witnessed a series of transformations and developments. By the early 1970s, it had taken on a greater dimension than economic and social dimensions. New terms were introduced, the most important of which was sustainable development. The concept of sustainable development is considered a new and innovative concept, as there is not a universally agreed on concept. Sustainable development can be seen as social change directed according to a specific ideological policy. It is a long-term, comprehensive and integrated planning process in its economic, social, cultural, environmental, and technological dimensions, where it aims to achieve continuous improvement in the well-being of all</p>



### SDG17: Partnership for the Goals

members of society. Also, it should not be limited to a specific sector, but to the others as well, nor should it be dependent on one topic. In this context, this conference will highlight the most important and recent advancements between reality and expectations in sustainable development because of their role in establishing and developing strategic development visions, given the changes the world is going through at various levels, especially the political, economic and social one. We attempt to discuss this according to a set of core issues including the role of the public sector, private sector, and local and international organizations in achieving the goals of sustainable development and their benefits in the light of United Nations Vision 2030.

-Holding the first international conference to achieve the goals of sustainable development in cooperation with the Turkish University Altınbaş University, Turkey and Al-Mustaqbal University College.

In addition to the opening session, the conference witnessed physical and electronic sessions in which 123 research papers presented to the conference were presented and discussed among six Topics related to sustainable development.

ATU  
SDGs

#### Conferences Topics

The main focus of this conference is on papers within the scope of sustainability but not limited into:

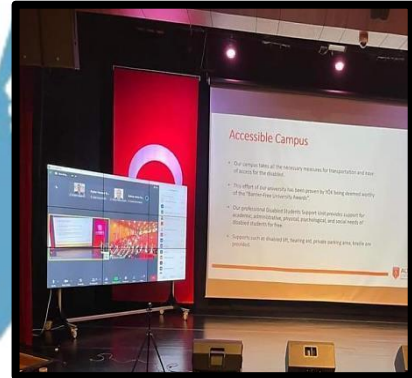
- Sustainable development (Reality and Challenges)
- Sustainable economic development
- Health development and health indicators within the sustainability goals
- Governance and good governance for sustainable development
- Natural resources and renewable energies (Technologies and Engineering Sciences)
- Sustainable Environmental





SDG17: Partnership for the Goals

Photos: .



**Preparing the data and infrastructure required to achieve sustainability**

URL: <https://atu.edu.iq/?p=20237>

**Description:** Forging emerging partnerships with Arab and international countries, as in the visit of the European Union ambassador, the expert from UNESCO, and the Bahrain Consul, to develop sustainability goals and prepare the data and infrastructure required to achieve sustainability.



SDG17: Partnership for the Goals

Photos:



**Letter of scientific cooperation with Diyala University**

URL: <https://atu.edu.iq/?p=22067>

**Description:** In order to achieve integration and partnership in raising the level of scientific and research programs that serve the march of higher education and the culmination of its efforts in institutional integration and opening its doors to the



SDG17: Partnership for the Goals

sober Iraqi universities where it finds the common denominator to keep pace with and develop the process of higher education.

### Bologna Process

URL: <https://atu.edu.iq/?p=21975>

**Description:** Through international cooperation with international universities, the implementation of the Bologna track in education has been started in several departments of Al-Furat Al-Awsat Technical University (Al-Furat Al-Awsat Technical University, Iraq) To enhance and raise the educational level of its students and graduates, and to prepare graduates who are scientifically and professionally qualified with experiences and skills that qualify them to engage in the labor market.

Photos:





## The eleventh international conference at Al-Furat Al-Awsat Technical University, in partnership with Al-Mustaqbal University College

URL: <https://atu.edu.iq/?p=22866>

### Description:

Under the blessed patronage of His Excellency the Minister of Higher Education and Scientific Research, Professor Dr. Naeem Al-Aboudi, the activities of the eleventh international conference of Al-Furat Al-Awsat Technical University and the first of the Administrative Technical College of Kufa were launched in partnership with Al-Furat Al-Awsat University College under the slogan (Towards a Contemporary Approach to Administrative Reform and Development Sustainable), this morning, Wednesday, for the period from 2-3/11/2022.

The conference proceedings were attended by the representative of His Excellency the Minister, President of the University of Kufa, Professor Dr. Yasser Lafta Al-Ugaili, and a number of presidents of public and private universities. The President of the University of Baghdad, the President of the University of Information and Communications Technology, the President of the Islamic University, representatives of the University of Karbala, the Central and Northern Technical University, Al-Kafeel University, Al-Mustaqbal University College, the assistants of the University President, a number of deans of colleges and institutes and their assistants for a number of technical universities, department directors, and a group of guests and associates. The conference aims to exchange Experiences between technical and academic universities in the field of administrative, accounting and financial sciences, information technology techniques, exchange of experiences between researchers, and the use of modern educational systems that are accessible to the educational institution to serve students, associates and different segments of society.

The conference began with the recitation of a verse from the Holy Quran, then reading Surah Al-Fatihah to the souls of the martyrs, followed by listening to the national anthem. For his part, the President of Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, indicated in the opening speech that the conference constitutes a good opportunity for researchers and those concerned with this matter to exchange visions, ideas and experiences on topics related to the conference's themes and the 2030 Sustainable Development Agenda announced by the United Nations to achieve its seventeen goals, Pointing out that sound management of material and human resources, governance, and the use of modern technology constitute the basis for achieving these goals. Al-Zuhairi also explained that the conference topics addressed important topics related to contemporary technology in business administration and accounting sciences and their applications to achieve administrative reform and sustainable development, as well as information technology, including Artificial intelligence and e-government in the era of Covid19, systems and software security, cybersecurity, data protection, software applications, simulation in statistical studies, neural networks, and Big Data. These are topics of great importance at the present time that require scientific and academic institutions to address them. We hope that this conference will contribute to finding solutions to many of the problems that the state's sectors suffer from.

Meanwhile, the representative of His Excellency the Minister of Higher Education and Scientific Research, President of the University of Kufa, Professor Dr. Yasser Lafta Al-Ugaili, delivered a speech in which he praised the efforts made by the university's presidency, its administrative and scientific leaders, and its



**SDG17: Partnership for the Goals**

professors, and conveyed His Excellency the Minister’s blessings and wishes for success for the conference. Professor Dr. Muayyad Al-Fadl also delivered a speech from the Deanship of the University College of the Future. In which he pointed out the importance of holding the conference at this particular time as it addresses important topics related to administrative and financial reform in light of the global trends to achieve sustainable development in this field. Between the Chairman of the Preparatory Committee and Professor Dr. Fadel Abbas Al-Abidi, Dean of the Administrative Technical College of Kufa, the conference’s interlocutors It dealt with research in business administration, accounting and informatics, noting that the number of research papers accepted by the scientific committees was (45) qualitative research out of (64) research submitted to the conference, with the participation of (92) researchers from inside and outside the university.

The conference also included the presentation of a documentary film about the most important activities of the university to achieve the goals of sustainable development, produced by the Department of Media and Public Relations, and another presentation about the success story of the University College of the Future. While the conference sessions, which were moderated by the Dean of the Najaf Technical Institute, Professor Dr. Haider Hassan Al-Abdali, included the delivery of many lectures that included: There was a lecture by Professor Dr. Abbas Mohsen Al-Bakri, President of the University of Information and Communications Technology, on (the digital transformations that the world is witnessing), and another by Dr. Salah Nouri Khalaf, former head of the Financial Audit Bureau and Dean of the Institute of Internal Auditors for Postgraduate Studies, on (developing the general budget and financial control using information technology).

**Photos:**



**Employment interviews for graduates of Al-Furat Al-Awsat Technical University in coordination with the Najaf Chamber of Industry**



SDG17: Partnership for the Goals

URL: <https://atu.edu.iq/?p=19828>

**Description:** Al-Zuhairi, in a statement to the university media, stated that this initiative was under the supervision of the Scientific Affairs Department/Rehabilitation and Employment Division at the University Presidency and in coordination with the Najaf Chamber of Industry to announce a number of previously promoted jobs, which include holders of a technical diploma and a technical bachelor's degree in the specializations of mechanics and electricity.

His Excellency stressed that these interviews are the beginning of a new and major breakthrough, as the university is preparing to hold a job fair scheduled to be held on the 17th of this month (January 17) with the participation of more than 20 companies in which graduates in various specializations will be advertised and recruited.

He pointed out that the university has continued to create the largest number of job opportunities for its graduates since the establishment of the Labor Advisory Council last year until the present day, as the Council seeks, in cooperation with the private sector, public and mixed sectors, to provide job opportunities for graduates that suit their specializations and the requirements of the labor market.

For his part, Professor Ali Al-Zalmi, Director of the Scientific Affairs Department at the University Presidency and supervisor of interviews, stated that more than 60 male and female graduates in the specializations of mechanics, electricity, or mechatronics were interviewed, and a number of them will be nominated for the jobs offered by 8 of the owners of factories and large laboratories in the Al-Najaf Governorate, in coordination with Najaf Chamber of Industry. For its part, the Najaf Chamber of Industry thanked the university for offering confidence in the private industrial sector. The head of the chamber, Mr. Amer Al-Haddad, stated that work protocols had been organized between the two sides, which resulted in the graduates being interviewed today to nominate them for the jobs offered earlier. He indicated that the graduates possess skills, experience, and certificates that qualify them. To obtain jobs through what the university provided to them throughout their years of study, as well as the skills development courses provided to them after graduation. It is worth noting that the graduate students have entered courses and programs at the Center for Continuing Education at the University Presidency for the purpose of writing their CVs and preparing them for these interviews and the job fair. The graduates expressed their happiness regarding these initiatives undertaken by the university to reduce the unemployment rate.



SDG17: Partnership for the Goals

Photos:



Teaching at Al-Furat Al-Awsat Technical University, Chairman of the National Council for Health and Medical Technology Specializations, and the Ministry of Higher Education and Scientific Research launches its standards. : <https://atu.edu.iq/?p=22556>

For more information about direct involvement: <https://atu.edu.iq/?cat=53&paged=21>

Furat Al-Awsat Technical University holds a training workshop entitled Creating Projects via the Internet

The Department of Scientific Affairs at the Presidency of Al-Furat Al-Awsat Technical University, the Division of Rehabilitation, Employment and Follow-up, in cooperation with the Iraq Pioneers Organization for Business Development and the Yougen Academy Organization, held a training course entitled Creating Projects via the Internet, which is intended for female students and graduates of the university.

The workshop, which was attended by the President of the University, Prof. Dr. Mudhaffar Sadiq Al-Zuhairi, was attended by (30) students and graduates of the university from various formations.

The President of the University, in his speech, referred to the role of the university and its great efforts in qualifying graduates and holding training and development courses for them in order to prepare them to enter the labor market, pointing to the need to move towards the private sector in light of the current indicators, which clearly show the low job opportunities in the government sector.

Al-Zuhairi also referred to the importance of soft skills and their role in obtaining graduates the opportunity to work in the private sector, in addition to specialized technical skills.

At the end of his speech, the President of the University extended his thanks and appreciation to the Iraq Pioneers Organization for Business Development and Login Academy for their cooperation in adopting such initiatives.

It should be noted that the workshop will last for eight days, during which participants will be trained in e-marketing and how to work from home by creating a project for the student or graduate.



### SDG17: Partnership for the Goals

Training includes project planning, preparation of preliminary studies, market needs, competition, project features, legal aspects, financing, target audience, expected cost, opportunities for success and future development.

It also includes presenting success stories of previous experiences of some female graduates in order to benefit from their experiences and overcome obstacles that may hinder the implementation of the project.

The session was also attended by the Scientific Assistant to the President of the University, Professor Dr. Ahmed Ghanem Waday, and the Director of the Scientific Affairs Department, Professor Ali Al-Zalmi.



Represented by awareness committees their mission is to raise local & educational awareness beyond campus through different tailored lectures or demonstrations in the local schools, the community, displaced people, & local residents, including voluntary student-run schemes & academic staff. As the following:

**Al-Furat Al-Awsat Technical University witnesses the opening of the first scientific and technical exhibition with the participation of major companies specialized in modern training and education techniques and information**





Republic of Iraq  
Ministry of Higher Education & Scientific Research  
AL-Furat AL-Awsat Technical University

SDG17: Partnership for the Goals





### SDG17: Partnership for the Goals

On the sidelines of the eighth and first international conference of the Center for Continuing Education entitled (Continuing education is creativity and development towards the world of modern technologies) and under the direct supervision of the President of Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, the university witnessed the opening of the first scientific and technical exhibition in the presence of the representative of His Excellency the Minister of Higher Education and Research, Scientific, Mr. President of the University of Kufa, Professor Dr. Yasser Lafta Al-Ajili, with broad participation from major information and communications technology companies and companies specialized in modern education and training technologies. The opening was attended by a number of presidents of public and private universities. President of Jaber bin Hayyan University of Medical Sciences, President of Dhi Qar University, President of Al-Karkh University of Sciences, Islamic University, Al-Mustaqbal University College, Imam Al-Kadhim University College, peace be upon him, a number of deans of colleges and institutes in technical universities, the ministerial team for e-learning, and a number of directors of continuing education centers in Iraqi universities, as well as The presence of the Second Deputy Governor of Najaf, Mr. Talal Bilal, a number of local government officials, company representatives, and a group of guests, students, and associates. The scientific and technical exhibition included the participation of more than twenty-five companies specialized in information and communications technology, as well as the products of students and associates in the university's formations, with the aim of exchanging experiences between Universities in the field of training and developing skills using modern technology methods, software programs and applications, and modern educational systems that are accessible to the educational institution to serve students, associates, and different segments of society.

**-Al-Furat Al-Awsat Technical University organized a purposeful theatrical performance in cooperation with the Abaad Media Team and the Reyadah Center:**

<https://atu.edu.iq/?p=23117>



SDG17: Partnership for the Goals



Under the patronage of the President of Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, the College of Health and Medical Technologies, Kufa, and the Student Activities Department at the University Presidency organized the purposeful theatrical performance under the title (Under the Pressure of Cortisol), in cooperation with the Abaad Media Team and the Reyadah Center in a joint work for them called (The Platform). This Theatrical performance was attended by the President of the University, the Assistants to the President of the University, the Deans of the College of Health and Medical Technologies, Kufa, the Dean of the College of Engineering Technology, Najaf, a number of department directors in the University Presidency, and social elites in Najaf Governorate, as well as a large crowd of students from the University and other universities. The presentation aims to identify decision-making skills under pressure, follow correct mechanisms for making the right decision, and how to get rid of the pressures that people face when making crucial decisions. The theatrical performance included scenes of situations that led to disasters due to making a wrong decision under the influence of the hormone cortisol, while the theatrical performance dealt with these situations in a purposeful artistic manner in addition to the suspense and fun of the



### SDG17: Partnership for the Goals

presentation tools. On the other hand, the university president praised the efforts made to make this qualitative and important initiative a success. And directing it in an artistic way that is interesting to the recipient, expressing his continued support for such activities that serve students and society and produce positive results in serving the educational process. At the end of the theatrical performance in which the presenter (Hassan Al-Tarfi), the actor (Nour Salah), and the platform official, Dr. (Saif Hassan Abdel Nabi) participated, The Dean of the College of Health and Medical Technologies, Kufa, Professor Dr. Angham Jassim Al-Ramahi, on behalf of the President of the University, honored the participants and contributors to the success of this important show with certificates of appreciation for their efforts in the theatrical show.

**-Opening of the Fine Arts Festival for Iraqi university students in the presence of His Excellency the Minister of Higher Education and Scientific Research, Dr. Naeem Yasser Al-Aboudi:**

<https://atu.edu.iq/?p=23137>



At the opening of the University Festival of Fine Arts at Al-Furat Al-Awsat Technical University, the Minister of Education confirms that the creative environment in academic institutions is a revealing means to evaluate the level of the university and the extent of its interaction with its goals and educational programmes. The Minister of Higher Education and Scientific Research, Dr. Naeem Al-Aboudi, confirmed that

consolidating the creative environment in academic institutions is a means Revealing to evaluate the level of the university and the extent of its interaction with its goals and educational programs. He said in his speech during the opening of the activities of the University Festival of Fine Arts for students of Iraqi universities, which is organized by Al-Furat Al-Awsat



### SDG17: Partnership for the Goals

Technical University in the presence of its president, Dr. Muzaffar Sadiq Al-Zuhairi, and the presidents of the universities of Kufa and Jaber bin Hayyan, that the artistic embodiment of creative abilities is equivalent in terms of The importance of scientific tests conducted by universities and taken by students during the semesters or at the end of them to measure the academic achievement index. The Minister of Education explained that university administrations are required to pay attention to these activities, focus on the student, his talents and potentials, and work to meet them in an optimal manner, indicating that consolidating the creative university environment represents a means It is revealing through which one can evaluate the level of the university and the extent of its interaction with its goals, educational programs and plans in the short, medium and strategic term, and indicate its dealings with the human element, which is the most important component in the educational process. He stressed the necessity of universities developing effective plans to manage their human resources, measure their qualifications, and take into account the availability of a sufficient number of them in the educational process. Each department and scientific branch to be able to implement academic programs and review selection criteria through the perspective of tasks and implementation of responsibilities so that the project of developing creativity is achieved in all universities and colleges, both governmental and private. In turn, the President of Al-Furat Al-Awsat Technical University expressed his optimism and appreciation for the follow-up and interaction shown by the Minister of Education. Higher education and scientific research, Dr. Naeem Al-Aboudi, and the level of response and interaction to university programs and their applied paths. The Minister of Education, Dr. Naeem Al-Aboudi, honored representatives of forty-five universities and governmental and private colleges who participated in the Fine Arts Festival. He reviewed the various artistic activities in the fields of drawing, sculpture, and plastic arts, and toured the corridors of the art exhibition that hosted a gathering. From the creative participants.

The scientific exhibition of software opens for preliminary studies -



SDG17: Partnership for the Goals

students of the Information Technology Department at the College of Administrative Technology: <https://atu.edu.iq/?p=21519>



The President of Al-Furat Al-Awsat Technical University opened the software exhibition for the initial studies students of the Information Technology Department at the Kufa Administrative Technical College, which was held in the corridors of the college. Al-Zuhairi, for his part, saw directly the students' projects, which included 27 projects in different programming languages simulating various applications such as artificial intelligence programs, the Internet of Things (IOT), human resources and marketing programs. Students from Imam al-Kadhim College, peace be upon him, Department of Computer Engineering, also participated in the exhibition. The President of the University expressed He expressed his admiration for what he saw of promising software projects for students that qualified them to enter the labor market armed with applied scientific projects. His Excellency added that the first step to developing and building society and correcting the course in all fields begins with the university, represented by its professors, students and technical staff. Thanking the sincere efforts of the Dean of the College and the head of the Information Technology Department, the professors and students, wishing everyone further development and creativity. Al-Zuhairi expressed his admiration for the research and projects submitted by students in all disciplines, including research related to information and communications technology, which has entered into all areas of daily life, especially in In light of the digital revolution that the world is witnessing. The Dean of the College also extended his thanks and gratitude to the President of the University for his continued support of the College and his sponsorship of such initiatives and his sound guidance to





### SDG17: Partnership for the Goals

advance our university and its formations at the local, Arab and international levels. He also thanked all those in charge of this exhibition and the participating students, wishing them success in serving our dear country. While the exhibition was attended by the Assistant President of the University for Scientific Affairs, Professor Dr. Ahmed Ghanem Waday, the Dean of the College, Professor Dr. Fadel Abbas Al-Abidi, and the delegation participating in the exhibition of Imam Al-Kadhim College, peace be upon him, headed by an assistant. The Dean of the College, the representative of the Executive Director of Al-Dhakra Company, Mr. Haider Al-Sudani, and the directors of the Department of Scientific Affairs and Continuing Education, as well as the presence of the assistants, department heads, and a number of teaching staff, associates, and students.

### Al-Furat Al-Awsat Technical University concludes a memorandum of understanding with the Pioneers of Iraq Organization for Business Development... and Al-Zuhairi attends the signing ceremony:

<https://atu.edu.iq/?p=21829>



The President of Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, attended the signing ceremony of a memorandum of understanding between the university and the Iraq Pioneers Organization for Business Development (an organization registered in the Department of Non-Governmental Organizations in the Council of Ministers). The memorandum was signed by Professor Dr. Ahmed Ghanem Waday, Assistant to the University President for Scientific Affairs, on behalf of the university. About the organization, its president, Mr. Jaafar Muhammad Kazem. In his speech, the University President pointed out the importance of qualifying graduates to engage in work and the university's ongoing efforts in this field, including establishing the Advisory Council for the Work Field and holding a job fair, in addition to holding many qualifying courses and workshops for students and graduates. The memorandum aims to provide free scholarships to train university graduates and qualify them to obtain job opportunities suitable for their specializations in the private sector. The organization is also interested in training students in many fields such as networks, information technology, digital marketing, optical cable, and others. It is noteworthy that the



SDG17: Partnership for the Goals

organization provides trainers from private sector companies, while the university provides all training requirements, including halls, display devices and computers, and organizes the participation of students and graduates from its various formations in training courses. While the Division of Rehabilitation, Employment and Follow-up at the University Presidency is communicating and coordinating with the organization to implement the memorandum. The signing ceremony was attended by the Director of the Scientific Affairs Department and the Director of the University President's Office.

Al-Furat Al-Awsat Technical University organizes the University Festival of Divination Ceremony and Recitation: <https://atu.edu.iq/?p=20635>







### SDG17: Partnership for the Goals

Under the patronage of the President of the Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, the Student Activities Department organized the university festival for divination and recitation (male and female students), which was hosted by the Babylon Technical Institute. The festival began with the playing of the Iraqi national anthem, the reading of Surat Al-Fatiha, and the speech of the Dean of the Institute, Professor Dr. Iman. Muhammad Abdullah Al-Musawi. Director of the Student Teaching Activities Department, Naseer Ahmed, stated that the festival aims to discover the promising creative student energies and provide our university's formations with them to be present in the management of its celebrations. It is noteworthy that the festival was held within the department's annual curriculum for the second semester and with the participation of all university formations. Among those who attended The opening ceremony was attended by a large number of faculty members, associates, students, and all members of the student activities division in the university's formations. In the same context, the jury announced the results of the contestants in the festival, and they were as follows:

- \*Students? First place: Student Abdul Amir Ibrahim from the Technical Institute / Kufa
  - Second place: Student Muqtada Qasim from the Technical Institute / Najaf.
  - Third place: Student Hussein Hazem from the College of Engineering Technology.
  - Third place, repeated: Student Muhammad Muwaffaq from the Technical Institute/Karbala.
  - \*Female students: \*First place: Student Narges Sadiq from the Engineering Technical College/Najaf
  - Second place: Student Malak Safaa from the Technical Institute/Babylon
  - Third place: Alia Lafta Aliwi from the Technical Institute / Diwaniyah.
  - Third place, repeated: Student Fatima Ahmed from the Technical Institute/Al-Musayyib.
- At the conclusion of the festival, prizes and certificates of participation were distributed to the students and a number of shields to the members participating in the festival.

**Al-Furat Al-Awsat Technical University wins first and third place in the Qur'anic competition for Iraqi university students:**  
<https://atu.edu.iq/?p=21448>



SDG17: Partnership for the Goals



Al-Furat Al-Awsat Technical University won first place, first place, and third place in the Qur'anic memorization and recitation competition for Iraqi university students, which was held by the Holy Abbasid Shrine, where more than (60) reciters and memorizers from various public and private universities participated in the competition. Lecturer Naseer Ahmed Kamel, Director of the Student Activities Department, stated, "This competition is held by the al-Abbas Shrine on an annual basis, and our university participates in it constantly, stressing that the support of the President of the University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, for our students has a great impact in discovering their creative abilities and enhancing the spirit of belonging and loyalty to the university, which is loyalty to Iraq and achieving The university's endeavor to be at the forefront of Iraqi universities, as well as the direct follow-up by the Assistant President of the University for Administrative Affairs, the respected Professor Dr. Muhammad Abdul Mohsen Al-Maktoumi, is reflected positively in achieving advanced ranks for the university. It is noteworthy that the participation of our university was represented by a number of students from the university's faculties and institutes, so that the student, Ali, obtained first place. Muhammad Abd Nahi from the Najaf Technical College of Engineering, while third place was won by student Abd al-Amir Ibrahim from the Kufa Technical Institute.

Al-Furat Al-Awsat Technical University initiate and participate in cross-sectoral dialogue about the SDGs, e.g. conferences involving government/NGOs as the following:

- **Holding 1st International Conference on Achieving the Sustainable Development Goals:** URL:<https://atu.edu.iq/?p=23206>
- **Holding 3rd International Conference on Engineering and Science :** URL:<https://atu.edu.iq/?p=23019>



## Fourth international scientific conference for civil and architectural engineering sciences in partnership with Cihan University - Erbil URL:<https://atu.edu.iq/?p=23185>

**Description:** Al-Furat Al-Awsat Technical University in Erbil held its fourth international scientific conference for civil and architectural engineering sciences in partnership with Cihan University - Erbil for the period 20-21 December 2022. The opening ceremony was attended by the President of Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, and the President of Cihan University-Erbil, Professor Dr. Amjad Al-Dalawi, representative of the Ministry of Higher Education and Scientific Research in the region, and a number of professors and researchers from Iraqi universities in the center and the region, in addition to the electronic presence via live broadcast of a number of researchers and members of the university's formations. Al-Zuhairi, at the opening ceremony, gave a speech in which he pointed out the importance of scientific research, especially in developing Communities, building civilization, and overcoming the crises that afflict the world in general and Iraq in particular, where the challenge of providing a sustainable and safe environment for billions of people around the world comes first, especially with the steady increase in the population compared to the decrease in available resources, and this conference comes in response to addressing a set of those challenges, especially since The conference presented (29) working papers, including papers outside Iraq and presented at universities (Germany, Russia, Turkey, Malaysia, San Marino), while (21) working papers were presented from Iraqi universities in the center and the region, and five key speakers were approved for this conference. Scientific conference, three of them from Brazil, Turkey and the United Arab Emirates, and two others from Iraq. The conference topics included topics of sustainable and environmentally friendly building industry, urban planning of cities, building and construction materials, and highway engineering, in addition to other topics in the field of structural and architectural engineering, all of which aim to achieve Sustainability. Al-Zuhairi also indicated in his speech that the university has achieved a good start in building real partnerships in various aspects of performance, especially the scientific research movement, as the number of research published in the Scopus database reached more than (1800) research. The university also adopts in its policy the encouragement of researchers, which contributed to the university's entry into A number of prestigious international classifications and advanced positions. He also stressed that the university encourages scientific, technical and applied research that addresses real problems in various sectors of society, hoping that these conferences and workshops will be a good start for building real partnerships between the two universities in a way that serves the educational process. At the end of his speech, the university president directed His thanks and appreciation to all the preparatory, scientific, media and supporting committees from both universities for their good efforts to accomplish this qualitative conference. While a documentary film was shown about the university, which dealt with the most prominent activities and initiatives that the university has accomplished recently in the field of construction and reconstruction, and the comprehensive and ongoing reconstruction campaign the university is witnessing, in addition to showing a film about Cihan University - Erbil. The opening session also included the presentation of working papers by the main speakers from the university. Ajman - UAE and the University of Kurdistan - Erbil, in addition to papers submitted by universities in Turkey and Brazil and researchers from Iraqi universities in the



SDG17: Partnership for the Goals

center and the region. At the conclusion of the activities of the first day of the conference, the President of the University extended his thanks and appreciation to all the professors, researchers and graduate students who contributed to enriching the conference. In the same context, Al-Zuhairi presented a souvenir containing the university's most important landmarks to the President of Cihan University, Dr. Amjad Al-Dalawi, the representative of the Ministry of Higher Education and Scientific Research in the region

Photos:



**President of the Iraqi Contractors Union / Najaf Al-Ashraf Branch, hosted by Al-Furat Al-Awsat University... and a memorandum of cooperation was concluded between the two sides.**

URL:<https://atu.edu.iq/?p=23165>

**Description:** The President of the Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, received in his office the President of the Iraqi Contractors Union, Najaf Al-Ashraf Branch, the consulting engineer, Mr. Abbas Abdul Amir Abu Shabaa. During the meeting, the prospects for cooperation and partnership between the university and the Iraqi Contractors Union were reviewed. For his part, the President of the University, Professor Dr. Muzaffar Sadiq Al-Zuhairi stressed the importance of communicating with the labor market and its various institutions, including the Iraqi Contractors Union. He referred to the decision of the Ministry of Higher Education and Scientific Research to adopt the Bologna Pathway System for Education in Technical Universities, which enhances the participation of the private sector in the educational and training process in the university's colleges and institutes. Engineer Abbas Abu Shabaa expressed the Iraqi Contractors Union's readiness to train and



### SDG17: Partnership for the Goals

qualify students and graduates and provide them with job opportunities. On the sidelines of the visit, a memorandum of understanding was signed between the two sides, which included a set of measures to consolidate the relationship between them and enhance the Union's presence in the university's scientific and community activities in a way that raises the scientific and skill level of graduates of colleges and institutes. The University. In addition to facilitating the task of training and employing them in various contracting companies, training workers in the field of contracting in the Continuing Education Center at the University Presidency, and providing consultations through the scientific and advisory services offices at the University Presidency and its formations spread across the governorates of the Middle Euphrates. The signing ceremony was attended by the Scientific Assistant, Professor Dr. Ahmed Ghanem Waday, the Dean of the Rumaitha Institute, Professor Dr. Qahtan Adnan Al-Fatlawi, Professor Ali Abdul Hussein Al-Zalmi, Director of the Scientific Affairs Department, and a number of directors of the relevant departments in the university presidency.

Photos:



**-A cooperation agreement with Imam Jafar al-Sadiq University (peace be upon him)...to enhance the prospects for joint scientific and cultural cooperation.**

URL:<https://atu.edu.iq/?p=22957>

**Description:** Within the approach of openness and communication with Iraqi, Arab and international universities, and in order to consolidate the bonds of cooperation in the academic, scientific and research fields between public and private universities...the President of the University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, signed a joint scientific and academic cooperation agreement with the President of Imam Jaafar Al-Sadiq University, peace be upon him, Professor Dr. Riyad Khalil Ibrahim. The agreement aims to enhance the prospects for joint scientific and cultural cooperation between the two universities in a way that enhances the status of Iraqi universities and improves the scientific and educational reality in them and among their counterparts in the countries of the



### SDG17: Partnership for the Goals

region and the world, in the presence of academics and specialists from both universities. The agreement included the exchange of experiences, training and consultations in areas of common interest in order to achieve common goals and vision for both universities, in addition to developing curricula in corresponding specializations and laying the foundation for cooperation in the field of training and development of teaching and technical bodies through holding mutual courses and reviewing modern educational programmes. The agreement covered Providing the necessary facilities for both parties in the field of establishing and implementing studies and research projects, such as workshops, courses, and joint scientific conferences. The agreement stressed the necessity of cooperation in the field of scientific research, fostering creativity and innovation, and cooperation in the field of developing laboratories and laboratory equipment, as well as exchanging student visits and participating in scientific activities, events, and events organized by each party. On a related note, Al-Zuhairi accompanied the visiting delegation on a reconnaissance tour of the university's corridors and its most important projects recently implemented to achieve the goals of comprehensive sustainable development for a model and attractive university environment. It is noteworthy that the agreement was held in the presence of the scientific and administrative assistants of the university's president, the dean of the Engineering Technical College of Najaf, and a number of department directors in The presidency of the university, as well as the presence of the Assistant Dean of the Faculty of Information Technology and the Head of the Communications Department and the Computer Technology Engineering Department at Al-Sadiq University, peace be upon him, Najaf Al-Ashraf.

Photos:





**SDG17: Partnership for the Goals**

**-Participates in the opening of the proceedings of the First International Conference on Sustainable Development Technologies, which was organized by the Northern Technical University: <https://atu.edu.iq/?p=21795>**



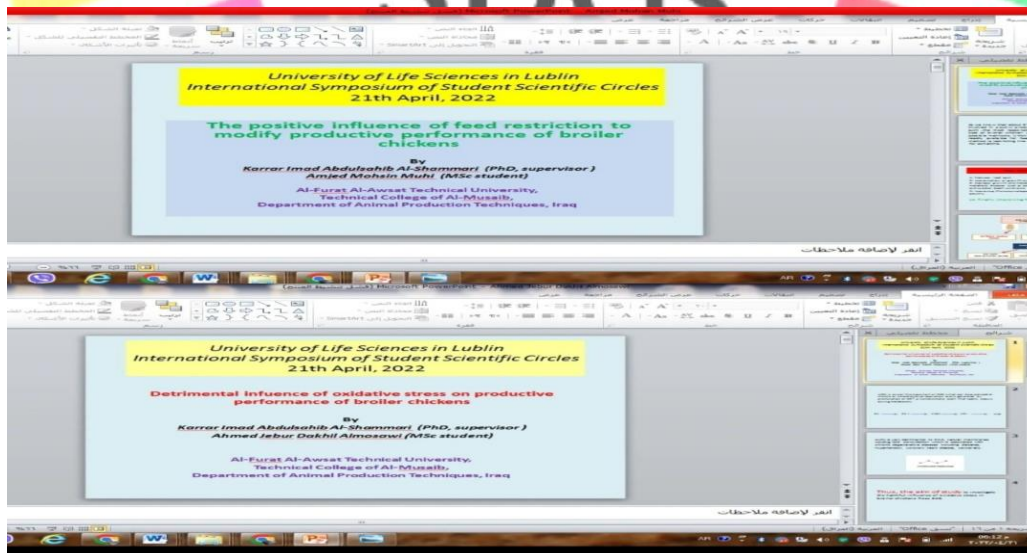
**Under the slogan of tourism, a national identity and a way to achieve sustainable development... ATU participates the second Spring Tourism Festival at the Karbala Technical Institute: <https://atu.edu.iq/?p=21612>**



SDG17: Partnership for the Goals



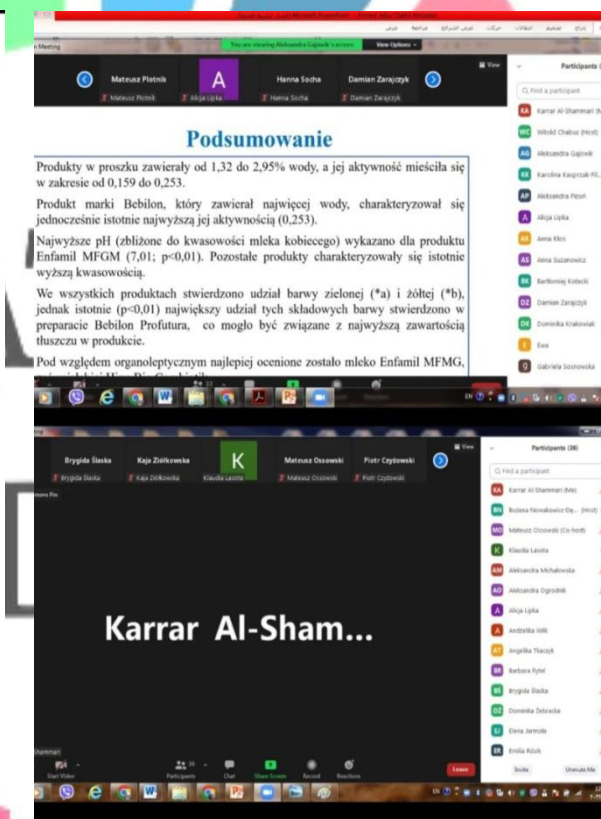
Al-Furat Al-Awsat Technical University participates in a virtual -  
symposium in Poland: <https://atu.edu.iq/?p=21441>







SDG17: Partnership for the Goals



The two research papers tagged:

- 1- The positive influence of feed restriction to modify productive performance of broiler chickens. The positive effect of food rationing to modify the productive performance of broiler chickens.
- 2- Detrimental influence of oxidative stress on productive performance of broiler chickens. The harmful effect of oxidative stress on the productive performance of broiler chickens, in III. International Symposium of Student Scientific Clubs

The third international symposium for student scientific clubs, which was held by the University of Life Sciences in Lublin and via the Zoom platform in Poland, with the participation of researchers from Poland, Ukraine, and Germany. The symposium aimed to shed light on the scientific aspects and exchange experiences related to improving animal



SDG17: Partnership for the Goals

performance and Plants and the environment in which they live.

-Al-Furat Al-Awsat Technical University participates in the Bologna Process implementation meeting in Erbil: <https://atu.edu.iq/?p=21737>





### SDG17: Partnership for the Goals

As part of Al-Furat Al-Awsat Technical University's ongoing endeavor to enhance and raise the educational level of its students and graduates, and to work to prepare academically and professionally qualified graduates with experience and skills that qualify them to engage in the labor market, the university participated with a delegation headed by the Assistant President of the University for Scientific Affairs, Professor Dr. Ahmed Ghanem Waday, and the Director of the Quality Assurance and University Performance Department, Assistant Professor Dr. Ali Najah Kazem and the official of the Learning Laboratories Quality Division, teacher Hussein Abd Ghazi Jaaz, at the meeting of the quality plan to implement the Bologna process, with the participation of seven Iraqi universities, under the supervision of UNESCO, and in the presence of Professor Dr. Alaa Abdel Hassan, advisor to His Excellency the Minister of Higher Education and Scientific Research, to present and discuss the latest developments and the steps it has taken. The university is in the field of implementing the path,



which it is hoped will begin implementing its outcomes at the beginning of the next academic year 2022-2023. The sessions included the presentation of a working paper for our university in which the quality plan that had been completed, its details, and the extent of its compatibility with the requirements imposed by the labor market were presented, as well as achieving a solid academic program and building bridges of global partnership in the field of modernizing university education programs and systems.



SDG17: Partnership for the Goals

**Forging emerging partnerships with Arab and international countries, as in the visit of the European Union ambassador, the expert from UNESCO, and the Bahrain Consul, to develop sustainability goals and prepare the data and infrastructure required to achieve sustainability.**





**Al-Furat Al-Awsat Technical University Signs a memorandum of understanding with the University of Tabriz in Iran:**  
<https://atu.edu.iq/?p=23254>



Within the approach of openness and communication with international universities, including those in the regional environment, the President of Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, signed a memorandum of scientific and cultural understanding with the University of Tabriz in the Islamic Republic of Iran. Al-Zuhairi, at the beginning of the signing ceremony, expressed his thanks and appreciation to the presidency of the University of Tabriz for hosting a university delegation. Al-Furat Al-Awsat Technical College, while providing a comprehensive explanation of the university's vision, mission, goals, and scientific specializations that it deals with, indicating that the university focuses in its philosophy on providing its graduate students with the skills required by the labor market, as well as the soft skills that are not covered by academic vocabulary, through the Rehabilitation and Employment Center and the Education Center. Al-Zuhairi also referred to the research activity and scientific conferences organized by the university and the international classifications in which it registered a presence during recent years. Al-Zuhairi: The signing of the memorandum came in harmony with the policy of the Ministry, represented by His Excellency the Minister of Higher Education and Scientific Research, in building scientific and cultural relations with reputable universities in order to achieve The desired benefit from joint cooperation, introducing the capabilities of Iraqi universities, and improving their reputation in international forums. In his speech, the President of the University of Tabriz, Professor Dr. Nasrallah Zadeh, welcomed the visiting delegation and then presented a historical overview of



### SDG17: Partnership for the Goals

the university, its formations and the scientific achievements it has achieved throughout its long history that extends to the 1940s, hoping that the memorandum of understanding will benefit both parties. The memorandum addressed the possibility of exchanging experiences. Scientific research through exchanging professors to conduct research, scientific meetings, giving lectures, and discussing theses and dissertations, as well as supporting scientific projects and training programs. The memorandum stressed the strengthening of cooperation in the field of authorship and publication of joint scientific research in reputable journals within international scientific bodies, in addition to attending conferences, seminars, workshops, scientific and cultural competitions, and participating in scientific activities and events organized by the two universities. The proceedings of the memorandum were attended from the Iraqi side by both the scientific assistant. For the President of the University, Professor Dr. Ahmed Ghanem Waday, the Director of Scholarships and Cultural Relations, Dr. Hashem Ali Hasab, the Director of the University President's Office, Mr. Moin Mohsen Al-Rubaie, and the Director of the Oversight and Audit Department, Mr. Mustafa Sabah Jihad. On the Iranian side, the Scientific Assistant, the Director of Scholarships and Cultural Relations, and a number of those concerned with the university presidency attended. . At the conclusion of the signing ceremony, souvenirs were exchanged between the two sides.

### **-Opening horizons for joint scientific cooperation with the Ministry of Commerce: <https://atu.edu.iq/?p=20152>**

A delegation from the Ministry of Commerce visited the presidency of Al-Furat Al-Awsat Technical University to open the horizons of joint scientific cooperation. They were received by the Assistant President of the University for Scientific Affairs, Professor Dr. Ahmed Ghanem Waday. The two sides discussed holding courses and seminars to develop the skills of Ministry of Commerce employees, by applying international quality standards, while Wadi accompanied the delegation on an exploratory tour of the Continuing Education Center and learning about the center's working mechanism. For its part, the delegation



SDG17: Partnership for the Goals



expressed its admiration for the center's work and the modern technology it follows in the training mechanism.

-World Space Week workshop: <https://atu.edu.iq/?p=22804>



The Calculator Center / Programming Club at the College of Engineering Technology / Najaf, in cooperation with the College's Continuing Education Unit, held a workshop in the hall of the Continuing Education Center at Al-Furat Al-



### SDG17: Partnership for the Goals

Awsat Technical University, in which the official of the Calculator Center Division and the leader of the Programming Club, Najaf branch, M.D., attended. Alia Abdel Hussein Lafta, head of the Continuing Education Unit and member of the club at the college, M.M. Fatima Muhammad Kazem. The workshop included the celebration of World Space Week, which is an annual event celebrated all over the world for the period October 4-10, with the first date being October 4. The first is the launch of the first man-made Earth satellite (Sputnik 1). October 10 is the anniversary of the signing of the Outer Space Treaty. On this occasion, the Programming Club (Najaf Technical College) was registered as a host to celebrate the event in Iraq, in cooperation with the Programming Club (Code Club Australia and Telstra Foundation) in Australia and under the slogan (#Space\_and\_Sustainability). The workshop was held for children and youth aged (6-17) years. During the workshop, the participants were introduced to the occasion and a group of events related to space were presented and linked to achieving the sustainable development goals to achieve the slogan of Space Week. One of the dedicated projects was programmed. For this occasion, the participants wrote in the Scratch language. The project included creating a game that simulates the process of returning a satellite to its orbit around the Earth. The participants received an international certificate from the Australian Programming Club and gifts provided by the Programming Club at the college, in the presence and participation of the honorable President of Al-Furat Al-Awsat Technical University and the Dean of the College of Technology. Engineering / Najaf Al-Muharam.

**-Opening horizons for cooperation with the community:**

<https://atu.edu.iq/?p=22211>





As part of the directions to open horizons of cooperation with society, Dr. Saba Jawad Abdel Kazem from Al-Musayyib Technical College at Al-Furat Al-Awsat Technical University participated in delivering the extension symposium (Using good fruit varieties and their impact on agricultural marketing) in cooperation with the extension training center in Babylon / the extension farm in Al-Mahawil and within the extension program. To market fruits and vegetables, a symposium was held that aimed to learn about the multiplication of seeds, varieties, strains and hybrids of local vegetable crops, and the national program as well as the different types and varieties of fruits and olives, in coordination with the Mahaweel Horticulture Station and a number of nearby departments. The symposium included several topics, the most important of which were how to choose the appropriate varieties to be grown in the region, The importance of choosing the area to establish fruit orchards is determined by several environmental factors, agricultural marketing objectives and the extent of local production concentration to and from central markets to transport varieties to consumption centres, which in turn determines supply and demand, the dimensions of cultivation and the engineering planning of the orchard, in addition to the agricultural service operations that are It has a significant impact on improving the quality of the variety to be grown in terms of shape, size and taste, as well as talking about the modern methods used in marketing good and new varieties and how to preserve them.



**Al-Furat Al-Awsat Technical University participates in a course -  
as a contribution to raising the agricultural situation:**  
<https://atu.edu.iq/?p=20278>



As part of the information exchange program between Al-Musayyib Technical College at Al-Furat Al-Awsat Technical University and government departments, and as a contribution to raising the agricultural situation, Dr. Hadi Abdel-Jalil Naas from Al-Musayyib Technical College participated as a lecturer in the expanded course held by the extension farm in Al-Mahawil on (optimal use of fertilizers according to growth stages), which It lasted for two days, as part of the awareness program supporting the wheat crop, for the season (2021/2022). The course aimed to educate farmers about the quantity and time of adding fertilizer, its quality and fertilization dates, and the importance of weed control, its timing and type of pesticide, according to the type of weed and the appropriate quantity. The training course included several The most important dialogue was introducing the importance of the fertilization process to the wheat crop, and the types of fertilizers used in the fertilization process, and raising awareness of the necessity of adhering to the guidance instructions when adding fertilizers to the wheat crop, especially adding them in batches.

As well as the optimal date for carrying out the fertilization process, and raising awareness of the necessity of adhering to the specified quantities, in order to reduce costs and increase the economic returns for farmers, indicating the types of pesticides used for bushes, and the methods of using them. The session included a discussion of problems and obstacles for wheat farmers. It was also recommended to take into account the prescribed percentages of pesticides during control. Otherwise, misuse will lead to the emergence of a type of bush that is resistant to pesticides. (19) farmers and engineers with specializations participated in the course.



**Al-Furat Al-Awsat Technical University participates in the Siblings Meeting Festival for various hobbies and crafts in its nineteenth session: <https://atu.edu.iq/?p=23124>**



Under the sponsorship of the Ministry of Culture, Tourism and Antiquities and in cooperation with the Ministry of Higher Education and Scientific Research, Al-Furat Al-Awsat Technical University participated in (the Siblings Meeting Festival in its nineteenth session) under the slogan (Let us shout loudly for Baghdad, civilization and peace). The festival, which was opened by the Undersecretary of the Minister of Culture, Dr. Qasim Al-Sudani, was With the participation of

many Iraqi ministries, universities, departments of various state institutions, civil society organizations, and the private sector, it was attended by a large crowd of intellectuals, media professionals, satellite channels, volunteer teams, and professors and students of universities, institutes, schools, and kindergartens.

The festival, which was in coordination with the Departments of Student Activities, Media, and Public Relations, was held in the corridors of the International Station in Baghdad, and the university's participation in it was represented by a delegation from Al-Musayyib Technical College, which included a number of professors, students, and the media. Al-Sudani reviewed the products and exhibits of the university's pavilion and listened to a detailed explanation from our students about their initiatives. And their own projects that aim to advance the reality of the service sectors in the field of work. The university's participation was represented in the arts of drawing, handicrafts, patents, student initiatives, poetry, and theatrical performances. Our students' throats also resonated with poetic poems, which were well received by the attendees. It is worth noting that the festival is considered the largest cultural, artistic, heritage, and tourism event. It aims to build bridges of communication between amateurs from Baghdad, all governorates and Arab countries, and includes Arab and foreign participation, and includes displays of textile industries, the manufacture of traditional clothing, accessories and jewellery, a display of collections of postage stamps, and plastic paintings, as well as ceramic works, sculpture, miniature making, and honey preparation. And vegetable oils, and a display of posters, books,



SDG17: Partnership for the Goals

publications and the flower industry. These activities were accompanied by theatrical and sports performances, chants, chants, and poems that sang of love for the homeland.

**Launching the activities of a workshop to enhance technical and vocational education and training programs for the construction sector in technical higher education institutions in Iraq:**

<https://atu.edu.iq/?p=22711>



The activities of the workshop to enhance technical and vocational education and training programs for the construction sector in Erbil were launched on Sunday, 10/23/2022, with broad participation from technical universities from the center and the region. The President of the University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, headed the delegation participating in the workshop organized by the UNESCO office in Iraq with the support of the European Union. In his opening speech, Al-Zuhairi touched on the urban renaissance that the university is witnessing in all fields, including the field of construction and reconstruction. He talked about the support that was provided to this sector through modernizing laboratories, supplying them with modern equipment, and obtaining local and international accreditation for a number of laboratories, in addition to training the technical and teaching staff on Using these technologies. He also pointed out that the building and construction sector is considered one of the important basic sectors, especially in light of the growing population, which requires the construction of many related projects, especially residential and service complexes and the infrastructure attached to them. Pointing out that revitalizing this sector will contribute to creating job opportunities. It is a major initiative for all supporting circles over the coming years. Al-Zuhairi explained that the workshop aims to raise the level of awareness of the results of the first phase of the technical and vocational education and training reform project, and to increase the participation of employers through the exchange of experiences as well as identifying gaps



### SDG17: Partnership for the Goals

in capabilities related to implementing the principles of education governance requirements. It is mentioned that The workshop will last for three days for the purpose of providing a platform to share what has been accomplished in the first phase of the education and training reform project. It should be noted that the university delegation included the Scientific Assistant to the University President, a number of gentlemen, deans of formations, and the director of the Department of Construction and Projects in the University Presidency.

**The stars of the Iraqi national team in 1986 and the champions of the Asian Cup in 2007 at Al-Furat Al-Awsat Technical University:** -  
<https://atu.edu.iq/?p=23098>



Under the patronage of the President of Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, the Student Activities Department at the University Presidency organized an exhibition match between the university's teaching team and the Iraqi national team of 1986 and the 2007 Asian Cup champions. The exhibition match was in the presence of the President of the University and the advanced staff of the University Presidency and the teachers. And a large crowd of students, as the audience enjoyed the artistic and skillful touches presented by the national team in the match arena. This sporting activity is considered unique in its kind by hosting an elite group of Iraqi national team players in the closed sports hall after it was opened in its new look last week. The team players expressed this. The Iraqi National Team expressed their great happiness for a university like Al-Furat Al-Awsat Technical University to host such an enjoyable sports carnival, and they praised the university's progress in opening projects that serve students scientifically, athletically, and artistically to hone their skills and identify student talents. In the same context, the players of the Iraqi national team thanked the university presidency for the interest. The great effort in rehabilitating the indoor sports hall with high-quality specifications qualifies the university to host the events of the Central Iraqi Federation of Futsal, Basketball and Handball. The result of the exhibition match resulted in the victory



SDG17: Partnership for the Goals

of the national team with six goals against four goals in favor of the teaching team (6-4).



Collaborate with Organizations of Women's Rights & Elderly Care (Al-Furat Al-Awsat Technical University, Iraq)

