



SDG 15: Life on Land





Organizing environmentally friendly festival activities

Al-Furat Al-Awsat Technical University organized the annual Environmental Friendly Festival, where emphasis was placed on...

1. The importance of paying attention to the environment, especially the university environment, because of its positive impact on the educational and training process
2. Pointing out the university's efforts to invest in available lands to reclaim them and turn them into green areas
3. Planting many fruitful and evergreen plants within the university

The term pollution, its types, causes, and the effects of each type were also clarified, a number of annual statistics related to this topic were presented, and the students presented a representative scene simulating the effect of smoking on the health of the individual and society.

The festival concluded with an event presented by the department's students, during which they displayed awareness and guidance posters inspired by the occasion.

After that, the rest of the activities were opened, which included providing free medical examinations, a charity market, a display of scientific posters, and various events.





SDG 15: Life on Land





SDG 15: Life on Land

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

Goals include sustainable management of freshwater, mountain and forest ecosystems; Combating desertification; Stop the loss of biodiversity; Combating illegal fishing and trafficking in protected species. Environmental sustainability aims to ensure the sustainable use and preservation of lands, forests, water, wildlife, fish and water resources. To achieve this goal, the university implemented the following activities:

The university continues its academic activities From research, master's theses, and these Doctorate workshops and seminars that address topics on biological diversity, as the Al-Musayyib Technical College saves and preserves various forms of biological life by creating shades through volunteer campaigns with the contribution of students and professors, such as a shade for cut flowers, a shade for propagating ornamental plants, a shade for maternal plants, and a shade for medicinal plants, and discussing a number of master's theses. And doctoral theses for the year 2023 in the college that shed light on biodiversity.



Among the workshops and seminars that were carried out on illegal immigration, posters were distributed to raise awareness among students and associates, on the problems that the agricultural sector suffers from in Iraq, and on Chemical analysis Soil and its role in the agricultural field, and the genetic diversity of seeds and cultivated plants and how to preserve them, and holding a workshop on local breeds of plants that are at risk of extinction.



SDG 15: Life on Land





The establishment of training fields for agricultural specializations (plant and animal) in the university formations, as these projects produce agricultural and animal products contribute to filling part of the local need of the community's members and provide financial resources for the formation that it uses to cover its operational and investment expenses, which helps it establish and rehabilitate the infrastructure and provide the requirements for the university environment. Suitable for its students and members.

Moreover, this is an implementation of the fifteenth goal of the sustainable development goals, "Life on Land," to preserve environmental diversity. These projects are based on the type of production:

- **As part of the activities of the first annual celebration of the birth anniversary of the Lord, the Commander of the Faithful (peace be upon him)... Al-Furat Al-Awsat Technical University opens the Birth Tower: <https://atu.edu.iq/?p=20217>**



Al-Furat Al-Awsat Technical University held its first annual ceremony in honor of the auspicious birth of the Commander of the Faithful (peace be upon him). The ceremony was attended by the Governor of Najaf Al-Ashraf, Dr. Engineer Majid Al-Waeli, and a group of distinguished university presidents (President of the Technological University - President

of Jaber Ibn Hayyan Medical University, President of Al-Karkh University - President of Dhi Qar University - President of Al-Qadisiyah University - President of Karbala University and President of the Islamic University), and gentlemen (Police Commander Al-Najaf Al-Ashraf - and the Director of National Security - and the President of the Chamber of Commerce - and the President of the Chamber of Industry and the representative of the Rights Movement and a large audience of academic, community and official figures, in addition to the assistants to the President of the University and the deans of colleges and institutes, associates and students. The central



SDG 15: Life on Land

ceremony was presented by the master of the ceremony, Mr. Haider Rahim, and the ceremony began. By reading a verse from the Holy Quran, it was recited to the audience by the reciter of the Holy Imam Ali Shrine, Mr. Hani Al-Moussawi, and the President of the University gave a speech in which he referred to the virtues of the Lord, the Commander of the Faithful, peace be upon him, and the clear signs of his virtue mentioned in the Holy Qur'an and the Sunnah, calling for inspiration. From his fragrant biography and in all its aspects and vocabulary that cannot be encompassed by words and meanings. Pointing out that the edifice that is inaugurated on this occasion is another achievement that comes within the series of achievements that the university has achieved over the past two years and in various fields.. It has been named (the Birth Tower).

In honor of the birth anniversary of the Commander of the Faithful, peace be upon him, it will be an important architectural monument and landmark that bears witness to the efforts and creativity of Al-Furat Al-Awsat Technical University in a time of challenge. In his speech, the President of the University praised the efforts of the engineering staff and all workers in the Departments of Construction, Projects, and Office Affairs at the University Presidency.

He also praised the efforts of the assistants and the supporting administrative and scientific circles, which contributed in one way or another to the completion of this edifice, as well as the role of the Department of Media and Public Relations in documenting the stages of work since the first day of starting the project until the opening day.

At the end of his speech, Al-Zuhairi extended his thanks to the Governor of Najaf Al-Ashraf, the university presidents, assistants, deans of colleges and institutes, government officials and notables, as well as the blessed presence of the university's employees and students, thanking them for their participation in the university on Christmas Day and the opening of this edifice, which will be a lofty edifice in Al-Najaf Al-Ashraf in particular and the Middle Euphrates in general. The ceremony's activities also included listening to the university's anthem, and songs from the Imam Ali Imam's Holy Shrine chanting troupe, singing with love for the Lord, the Commander of the Faithful, peace be upon him, in addition to honoring the directors of the Department of Construction, Projects, and the Diwan, the executives, and the distinguished students in the schools of the Holy City of Najaf.

-



- **Graduation projects see the light and others are under preparation:**
<https://atu.edu.iq/?p=21026>



The students of preliminary studies - the fourth stage at the Al-Musayyib Technical College for the Engineering and Agricultural Departments at Al-Furat Al-Awsat Technical University, began completing their graduation projects, as their titles varied and served the scientific path. The goal of the graduation project is to ensure the capabilities of the graduate student to invest in the cognitive structures and writing abilities he possesses.

And research and documentation during the stage of his studies, and giving the graduate student an opportunity to apply what he has learned and implement it in the vital field of his specialization, consolidating the value of scientific honesty in research and research writing, during the stages of documenting and writing the research report, as the graduation project is a model or work that the study body requests from the student; To measure what he has done during his studies, and the level he has reached in the field of specialization, which is one of the requirements for obtaining the final certificate, and it is a scientific document from which the student will benefit in the first place, as well as his fellow students.

Therefore, the research effort to be implemented should involve new ideas. And innovative solutions, through sound scientific planning, while graduate students continue to pursue their research under the supervision of the scientific committees in the departments for the purpose of making observations and knowing the stages of research.



- **Inaugurating a number of reconstruction projects at Al-Musayyib Technical College:** <https://atu.edu.iq/?p=20064>



The President of Al-Furat Al-Awsat Technical University inaugurated a number of reconstruction projects at Al-Musayyib Technical College, in the presence of the two assistants to the President of the University, Professor Dr. Ahmed Ghanem Waday, Professor Dr. Muhammad Abdel Mohsen Al-Majtoui, and a number of deans and associates. They were received by the

Dean of the College, Assistant Professor Dr. Ali. Hassan Wadi Al-Zubaidi and the advanced students in the college. The projects included the main gate of the college after its rehabilitation in its new look, and the scientific complex, which includes (halls for postgraduate students, a hall for continuing education equipped with the latest education and training technologies, a smart hall and the University Performance Division), as well as the opening of the Environmental Engineering Laboratory in the Department of Building and Construction Technology Engineering. Al-Zuhairi, during his meeting with the associates, indicated that the wheel of reconstruction at the university and its formations continues to develop the university environment and infrastructure at all levels, as it is an essential axis in the educational process. He continued to say that the basic work of the university leadership is based on ensuring a safe and comfortable environment for students and associates and that the reconstruction campaign and projects The accomplishments and others under construction witnessed by Al-Furat Al-Awsat Technical University and its formations in the last two years are only a starting point for larger pioneering projects, and the university has become a title, in light of working in the spirit of one team. Al-Zuhairi also praised the progress in the field of scientific research and the efforts and participation of all professors, graduate students, deanships, university support, and laboratory workers. Pointing out that humane and ethical dealing with professors, students and society is the basis of work and that the mission of the scientific, educational and academic



SDG 15: Life on Land

institution is to implant this culture in addition to implanting professional ethics in the souls of our students in addition to the scientific subject. During his speech, he touched on renewable energy and that the university is continuing in this field, stressing the university's ambition. To be distinguished in everything. He pointed out that success is easy, but maintaining it is the most difficult, and this is the challenge.

- Al-Furat Al-Awsat Technical University supports and organises events aimed to promote conservation and sustainable utilisation of the land, including forests and wild land through :
 - Greenhouse for planting vegetables for campus residents
 - Typical orchard at the University for genetic resources for food, animal herding and fish breeding and agriculture for campus residents & public



Greenhouse(Al-Furat Al-Awsat Technical University,Iraq)



Typical orchard (Al-Furat Al-Awsat Technical University,Iraq)

- <https://www.facebook.com/watch/?v=780173356675234>

Conservation: plant, animal, and genetic resources for food and agriculture



SDG 15: Life on Land

- Greenhouse for planting vegetables for campus residents
- Typical orchard at the University for genetic resources for food, animal herding and fish breeding and agriculture for campus residents & public
- The model orchard was established and the production of animal and plant products such as dates, honey and eggs was started, which contributes to supporting the local community.
- **Natural Honey Production**





- **Animals Farms**





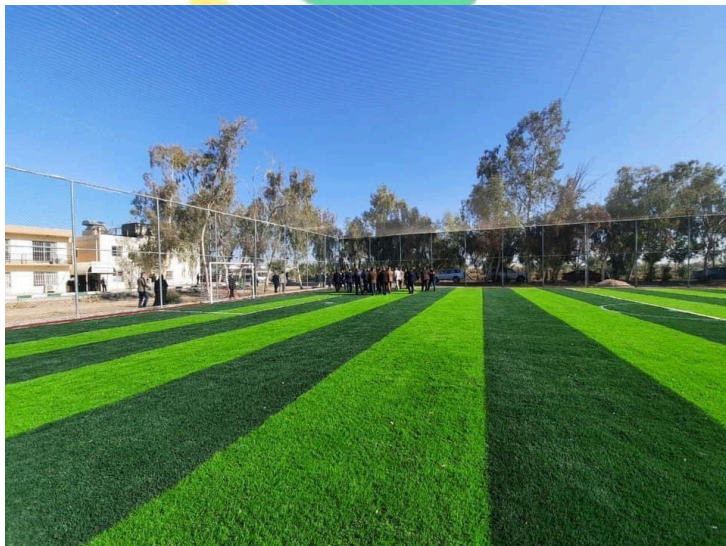
SDG 15: Life on Land



- The greenhouses project was also established to grow and market plants.



SDG 15: Life on Land





SDG 15: Life on Land

AL-Furat Al-Awsat Technical University participates in the third annual exhibition of dates organized by the Directorate of Agriculture of Babylon.

Within the framework of the directions of AL-Furat Al-Awsat Technical University to embody the concept of a productive university and work to achieve the goals of sustainable development.

The participation in the exhibition was represented by Dr. Shather Abdul-Hamza Al-Amiri, Kufa Technical Institute, by presenting samples of date varieties and pictures of the model palm grove on the university campus in Kufa, which includes various varieties of palm trees, which adopts modern irrigation technology in the irrigation system.

It is noteworthy that the model garden was implemented by the technical staff in the Diwan Affairs Department at the university presidency in coordination with the Construction and Projects Department and with continuous field follow-up by the President of the University with the aim of improving the university environment by increasing the green spaces on campus.

It should be noted that the university's participation in the exhibition was admired by everyone.

