



SDG 11: Sustainable Cities and Communities

SUSTAINABLE
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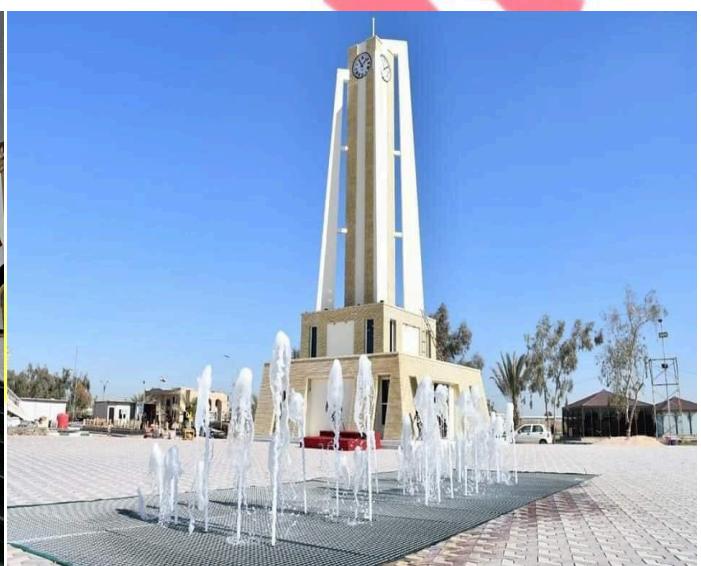
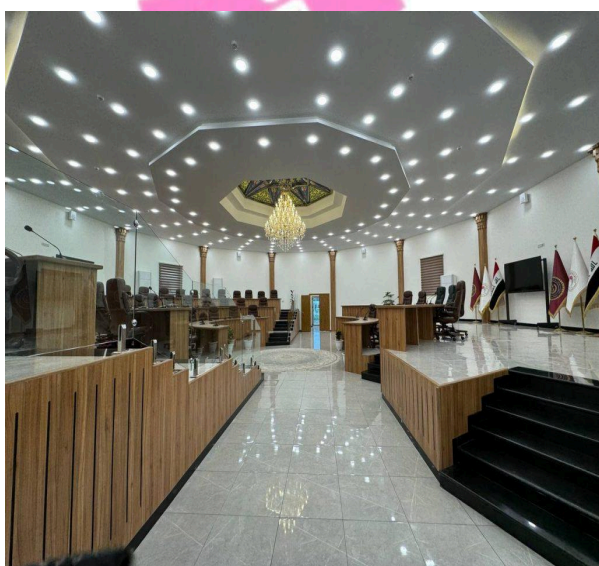
Al-Furat Al-Awsat Technical University organized a large campaign to plant trees in the university's gardens on the occasion of National Planting Day and to improve the university environment.

The campaign included planting palm trees, acacia trees, roses, and ornamental trees, in addition to a number of other seedlings, to which university members and students contributed to achieve sustainable development goals and within the activities of the National Plantation Day. It is noteworthy that the campaign lasted for several days in which all scientific departments participated.





new projects entered active service for students, all of which were opened at the current year 2023.



The President of Al-Furat Al-Awsat Technical University announced the entry of ten (10) modern projects into active service, all of which were opened in the fifth month of May of the



current year 2023, and in a number of university formations, which enhances the level of education and the university's infrastructure.

These projects include a variety of modern facilities and equipment that meet the needs of students and enhance the educational process at the Diwaniyah Technical Institute, the Kufa Technical Institute, and the Babylon Technical Institute. Among these projects are:

At the Diwaniyah Technical Institute:

1. The Student Club, which features a spacious building area of 800 square meters and can accommodate 400 male and female students. The club's architectural design is characterized by modernity and fine details, and it is equipped with high-quality furniture.
2. The auditorium complex, which includes two model auditoriums and an administrative office. Each of them can accommodate 180 male and female students, and 360 male and female students can be accommodated at the same time. The halls are equipped with advanced educational means such as a smart educational whiteboard and high-quality sound systems.
3. A new gate for students to enter, two information rooms, and rehabilitating the corridors and approaches to the gate, to improve the students' experience in arriving at the institute.
4. Adding new green spaces and equipped gardens with a total area of 1,600 square meters.
5. An integrated health and service complex in which the rationalization of electrical energy consumption was taken into account in terms of smart lighting and the rationalization of water use.

At the Kufa Technical Institute:

6. A model building for the Information Technology Department, which includes four modern computer laboratories and a capacity of 100 male and female students. The laboratories are characterized by high-quality equipment, including computers and furniture, that meet the aspirations of high-level training. In addition, the building is equipped with an advanced studio for recording electronic lectures using Light Board technology. A number of administrative offices and service annexes were also provided to meet the needs of the institute's employees.
7. A central conference hall that can accommodate 240 people. The hall is equipped with advanced sound systems, smart display screens, and laser "data show" technology, and the best types of furniture have been provided to make it a model hall that accommodates conferences and scientific and cultural events.
8. The continuing education hall designated for holding training courses is equipped with an advanced smart screen and modern sound systems. This hall allows training courses to be presented in an interactive and innovative way.

At the Babylon Technical Institute:



9. The building includes listed classrooms and model laboratories. The building consists of two floors with a total area of approximately 2,000 square meters. The building has a capacity of up to 840 male and female students at the same time. The ground floor includes four typical auditoriums, each hall can accommodate 110 male and female students. On the first floor, there are four typical laboratories with a capacity of up to 100 male and female students in each laboratory.

10. Adding green spaces and equipping the building's courtyards with an area estimated at 1,200 square metres. These green spaces have been rehabilitated to be a suitable environment for rest.

The opening of these integrated projects reflects the commitment of Al-Furat Al-Awsat Technical University to the construction and reconstruction campaign launched by the President of the University, which resulted in the opening of many important projects, the goal of which was to achieve a model university environment for solid, high-level education. At the same time, these projects embody the shift towards more sustainable education and enhance awareness of the importance of developing infrastructure because of its clear impact on the educational process.



- **Opening of the smart gates project on the university campus**

The new portal, which has an area of 130 square meters, features two information lounges for male and female students, with 12 electronic portals that are opened using the university electronic card, with what distinguishes it



from being the ability to use it as a VISA card for electronic payment in all financial transactions inside and outside Iraq.

The President of the University indicated that this project is the first of its kind adopted by the University and represents the first stage, where similar projects will be opened in other university formations within the geographical area, in accordance with the contract that the University concluded earlier with the Arab Electronic Payment Company.

At the same time, he praised the efforts made by the Deanship of the Institute, the cadres of the engineering unit implementing the project, the Department of Construction and Projects in the University Presidency, which supervised and followed up on the stages of completion of the work, and the Computer Affairs Department in the University Presidency, with its supporting circles that work with the aim of improving all aspects of performance to achieve a sustainable university environment.



- Infrastructure Projects:

The university achieved great and qualitative achievements over the four years 2019 - 2020 - 2021 – 2022- 2023-2024, as a continuation of the urban renaissance that the university adopted within its long-term strategic plan.



Establishing and rehabilitating the infrastructure requires huge sums, but it is considered one of the requirements for the sustainability of the university and the cornerstone of providing a safe and comfortable university environment for associates and students. It is in constant and increasing need for infrastructure to accommodate the large number of students as a result of its expansion by opening scientific departments with specializations required in the labor market or introducing evening studies in At a time when there are no financial specializations available within the state's federal budget to establish or rehabilitate them, so the university presidency took upon itself this task, with the participation of its formations, to create and rehabilitate the infrastructure, relying on its own capabilities, employing and managing the available resources with high efficiency, and implementing it in a direct manner by its staff in the Department of Construction and Projects and the Department Diwan affairs, in addition to the engineering cadres in the university's formations, are being completed in record times, taking into account that the buildings are environmentally friendly and with modern urban designs that imitate the heritage of Iraq. The following is the infrastructure that was established or rehabilitated at each of the university's sites during the year 2022.

1-1 Infrastructure projects for the university presidency site in Kufa:

1. Construction of the Al-Melad Tower building. The building area is 200 m², the height of the tower is 24 m. Its base includes an electronic library and a decorative clock at the top.
2. Establishing a building for the Scientific Department at the university and the Department of Scholarships and Cultural Relations. The building area is 200 m², two floors. The first floor contains 4 rooms and the second floor contains two rooms, with environmentally friendly construction and a modern urban design.
3. Establishing an enclosed bridge between the Christmas Tower and the Scientific Department Building. The bridge contains a large hall for meetings, and high-strength tempered glass was used to cover it.
4. Establishing (2) model health groups, one for female students and the other for male students. 20 health units were created, 10 health units for female students and 10 health units for male students.
5. Rehabilitation of the closed sports hall and the addition of building the second



floor. Rehabilitation of the first floor by restoring three rooms, the staircase, and a health group for male and female students. Adding a second floor building and creating (2) rooms with a contemporary design and environmentally friendly construction.

6. Construction of the student club building, first floor, area 250 square meters, one floor that includes seating areas for students, a large kitchen room, and a meal service annex.

7. Establishment of the Cultural Center, second floor, area 250 m². A second floor was established above the student club in which literary, cultural and artistic activities and events were held. It included three annexes.

8. Establishment of the grand celebrations arena, student bleachers, and honoring platform. The area is 650 square meters and includes a large “dancing” fountain and a parade arena surrounded by stands equipped with chairs and a large honoring platform.

9. Construction of a five-a-side court with an area of (1600 m²) surrounded by a PRC fence and (2) poured concrete gates.

10. Establishment of (2) greenhouses with an area of (468) m² for planting evergreen shrubs and flowers.

11. Establishing a fish lake on an area of 825 square meters to raise fish of several types







The site of the University Presidency in Kufa included the construction of the Christmas Tower, which is considered a cultural landmark for the university and the holy city of Najaf. It was distinguished by its location between the University Presidency and the formations of the Kufa site, and the addition of its annexes, including the bridge and the scientific department building, with an attractive and modern view. As well as creating model health groups consisting of (20) each group containing (9) health places for female students and a health place designed for female students with special needs. This leads to achieving the third goal “good health and well-being” of the Sustainable Development Goals. The same applies to the health group for students, as it was designed It includes one place for students with special needs and (9) health places for students equipped with all supplies, and the rehabilitation of the sports hall and the establishment of health groups inside it, which includes two wings, one for male students and the other for female students that meets the needs of the players, in addition to restoring the building’s staircase, adding galvanized iron cubicles, and painting its floor with “epoxy” paints. "From global facilities and the installation of VIP chairs for spectators, the student club building and the major celebrations square on the university campus in Kufa. Work on the project began in the middle of last year 2022 and on an area of (12,000) twelve thousand square meters and includes the student club building with two floors and a building area Approximately (1,500) thousand and five hundred square meters have been equipped with the best necessary requirements of equipment and furniture, in addition to a water body with an area of (1,000) thousand square meters to further reduce temperatures and dust and soften the atmosphere, which leads to contributing to the thirteenth sustainable development goal, “Climate Action.” It contains One hundred and thirty nozzles to form a giant fountain, in addition to an amphitheater for celebrations that can accommodate a thousand spectators and another platform for VIPs. The project also includes floor casting works, concrete walkways, and green spaces of approximately (9,000) nine thousand square metres. The site was also equipped with lighting poles as well as other necessary electrical installations. Another infrastructure project is the construction of a five-a-side stadium with a fence that can accommodate a large number of spectators and with international specifications. Two (2) plastic houses were constructed in addition to the main nursery inside the greenhouse to grow plants for the purpose of propagating them and distributing them to the green spaces within the university presidency



site and formation sites to keep pace with the changes. This contributes to achieving the thirteenth goal, “Climate Action,” of the seventeen sustainable development goals.

The Kufa formations site witnessed many infrastructure construction or rehabilitation works. In the Medical Technical College of Kufa, the construction of the scientific departments building was completed, which consists of three floors with a building area for each floor (2500) m² and includes study halls, laboratories, and the deanship, teaching, financial, student, and administrative rooms. And in the institute. Kufa Technician: The Jaber Ibn Hayyan Building was rehabilitated for theoretical lectures with a capacity of (300) students for the Pharmacy Technology Department. The Pharmacy Technology Building and the attached Ibn al-Haytham Hall were constructed to deliver theoretical lectures with a capacity of (160) students, as well as the establishment of computer laboratories for (4) nine (140) students. It was equipped with (86) new computers, and a garage for the cars of the Institute’s members that can accommodate more than (100) cars. In the Administrative Technical College, four halls were rehabilitated in preparation for the establishment of the Department of Industrial Management Technologies.

Infrastructure of the Najaf site:

1. Establishing terraced halls for the Forensic Evidence and Medical Devices Departments, building area (376) m², number of halls (6)
2. Establishing an amphitheater for students near the deanship building with an area of (68) square meters
3. Establishing a health group with a prayer hall near the student club. The building area is (60) square meters with two wings
4. Rehabilitation of the aviation workshop with an area of (193) m² and three halls
5. Rehabilitation of health groups in the workshops and the Al-Mukhtar building, with an area of (116) m² on the ground floor of the workshops and on the first floor of the Al-Mukhtar building.
6. Establishing a waterfall near the deanship building with an area of (42) square meters
7. Rehabilitation of the Calculator Center wing in the Administrative Department building with a building area of (1735) m², consisting of (9)



halls

8. Rehabilitation of the Health Administration Department wing in the Technology Department building with a building area of (3186) m² consisting of (8) halls
9. A project to establish an aviation workshop, a number of model classrooms, and attached offices at the Najaf Technical College, with a building area of (1400) m².



Infrastructure projects for the Samawah site:

1. Rehabilitation and maintenance of construction laboratories, building area (640) and number of (8) laboratories
2. Establishment of sanitary groups with a building area of (12 3) and a



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number of (20) units

3. Maintenance and restoration of the accounting department halls. The building area is (572) and the number is (27) halls and three floors.
4. Establishing a fence for the Rumaitha Technical Institute, building area (800) m² and height (3) meters
5. Establishing rooms for inspecting female and male students and a room for follow-up members. Number of rooms (3)
6. Establishing an integrated health complex with two wings for male and female students, equipped with all necessary supplies



During the year, many rehabilitation and maintenance operations were carried out for the halls and laboratories of the Al-Ghadeer Building, painting and maintenance of the curbstone of the sidewalks, rehabilitating and covering the front facades of the conference hall building and construction laboratories, rehabilitating and maintaining the street adjacent to the Accounting Department and internal departments and equipping it with lighting, the street behind the Al-Ghadeer Building and connecting it to the main streets of the Institute, and rehabilitating the courtyards. Adjacent to the residential floors and the sports field, rehabilitating and maintaining the water pipes and the main tank of the institute, and rehabilitating the drainage behind the Al-Ghadeer building and the student club, in addition to establishing (2) kiosks for reproduction and for selling refreshments and vegetable markets. At the Rumaitha Technical Institute, the institute's tents were constructed with a length of (800) meters and a height of three meters, and it includes two gates. For the entry of male and female students, rooms for inspection of female students and others for male students, a



room for follow-up and guard personnel, and an integrated health complex, in addition to constructing roofs for the members' cars and leveling the sidewalks and corridors, which ensures the smooth movement of students, associates and visitors in the institute.

- **Al-Furat Al-Awsat Technical University celebrates the opening of the scientific departments building at the College of Health and Medical Technologies, Kufa: <https://atu.edu.iq/?p=20784>**



The scientific departments building at the College of Health and Medical Technologies, Kufa, was inaugurated in a joyful ceremony attended by the President of the University His Excellency Dr. Liqaa Al Yassin, Member of the House of Representatives, as well as a number of university presidents, assistants and deans at the Central and Southern Technical Universities, and the Advisor to the Governor of Najaf Al-Ashraf. For higher education affairs. The representative of His Excellency the Minister, Professor Dr. Yassin Al-Ithawi, praised the efforts made to complete the project and praised the clear progress witnessed by Al-Furat Al-Awsat Technical University in all fields, especially reconstruction, construction and infrastructure rehabilitation projects. Al-Zuhairi, in his speech, indicated that the project was completed through the personal efforts of the engineering staff. And the technician in the Department



of Construction and Projects in the University Presidency and the engineering and technical staff in the College of Health and Medical Technologies, under the supervision and field follow-up by the University Presidency and the Deanship of the College, pointing out at the same time that completing such a project in critical economic conditions and the absence of a budget constituted a major challenge and another success added to the series of successes and achievements. Which the university recorded earlier, relying on its own capabilities and employing and managing available resources with high efficiency. Al-Zuhairi also indicated that this project will contribute to strengthening the educational process and raising the level of outputs in a way that meets the requirements of the labor market, especially since the halls and laboratories have been equipped with the latest equipment and supplies necessary to ensure high-quality education and training. On the other hand, the Dean of the College, Professor Dr. Angham Jassim Al-Ramahi, presented Her thanks and appreciation to all members of the University Presidency and the Dean of the College who worked hard and diligently to complete the project in record time, which is considered a major qualitative addition to the college in a time of challenge. Meanwhile, the Director of the Construction and Projects Department at the University Presidency, Dr. Muhannad Al-Khaqani, explained that the building includes many model classrooms and laboratories. The offices and spaces have a building area of approximately six thousand square meters, distributed over three floors, in addition to courtyards, gardens, sidewalks, and rest stations for students surrounding the building.



Making cities and human settlements inclusive, safe, resilient and sustainable
Targets include ensuring access to housing, basic services and public transport for all; participatory planning for human settlements; protection of cultural and natural heritage; And enhancing the ability to withstand disasters. Social sustainability aims to ensure access to appropriate housing at the appropriate price, in addition to sanitation and transportation for the poor majority. To achieve this goal, the university Implementing the following activities:

The university, with all its formations, is working to achieve this goal by investing its financial resources to create infrastructure with distinctive urban designs that take into account the specifications of sustainable buildings necessary to provide sustainable facilities for its students and members worthy of a sustainable university campus, as well as rehabilitating buildings such as study halls, laboratories, and administrative buildings. **and** Within the framework of the directives of the Presidency of Al-Furat Al-Awsat Technical University for digital transformation in all fields, the construction of smart gates has been completed. The new gate, which has an area of 130 square meters, is distinguished by containing two information lounges for male and female students, with 12 electronic gates that open using the university electronic card, with what distinguishes it from the ability to... Use it as a VISA card for electronic payment in all financial transactions inside and outside Iraq on the Kufa website,



The electronic urinal is one of the buildings

Within the framework of the renaissance of construction and reconstruction that the university is witnessing and its endeavor to improve the educational and service infrastructure, the university completed (25) buildings during the year 2023, between new construction and rehabilitation on the site of the university presidency and all its formations. The university organizes several activities, seminars and courses, including on sustainable architecture, smart home



systems and their applications, sustainable revitalization of historical areas, green concrete and the importance of its use in modern construction.



Among the seminars held were modern buildings and their relationship to sustainable development, sustainable preservation of historical buildings, a journey of innovation, and leadership in planning sustainable cities.



Rehabilitation of infrastructure, holding a workshop



Samawa site buildings



The university's formations implemented more than (42) workshops and seminars on sustainable cities and local communities

9- The Department of Bioresistance Technologies, in cooperation with the Continuing Education Unit at Al-Musayyib Technical College, concluded a course on (Differential mixing leading to drug abuse and addiction). The three-day course aimed to clarify the serious damage caused by drug abuse to the individual's health and the diseases that are transmitted through Drug abuse, as well as the family and societal damage that drug abuse is itself considered a crime punishable by law. The course included several topics, the most important of which is clarifying and explaining what drug abuse means, knowing that drug abuse leads to imprisonment or kills a person, and what are the reasons that lead to drug abuse and the harms it causes. The course touched on the reasons for the spread of drugs among Iraqi society and the reasons that lead to their abuse. It also touched on how to know your addicted friend and how to behave with him when you know that he is addicted. The target group is all age groups, especially young people.

Both attended the session

Mr. Dr. Adel Obaid Hassouni Al-Saadi
millimeter. Alaa Aqeel Jassim



10- The Department of Plant Production Technologies, in cooperation with the Continuing Education Unit at Al-Musayyib Technical College, concluded a course on (Methods of using medicinal and aromatic plants in medicine and treatments). The course, which lasted five days, aimed to introduce the importance of medicinal plants and their significance. The course included several topics, the most



important of which are techniques for exploiting medicinal plants. And aromatics and ways to use them, in addition to knowing the medicinal uses of these plants, and their areas of use. The course touched on introducing the importance of trading in medicinal herbs and increasing awareness about the safety of taking them as they are safe substances for health, with the necessity of relying on them to reduce manufactured chemicals that have side effects.

The target group is graduate and undergraduate students, teachers, and agricultural engineers.

Both attended the session

Prof. Dr. Ahmed Adnan Kazem

M.D. Rana Rais Arak

M.D. Ali Saleh Hassoun





11- The Department of Plant Production Technologies, in cooperation with the Continuing Education Unit at Al-Musayyib Technical College, concluded a course on the safflower plant, its benefits and its medically effective compounds. The course, which lasted five days, aimed to know the medicinal benefits of the safflower plant. The course touched on clarifying what the safflower plant is, as it is a plant that is not commonly used or cultivated. It is limited to a few places as well as learning about its form, cultivation and uses, and studying its active compounds in seeds and how to use its seeds to treat medical conditions. The most important medical condition that safflower seeds treat is treating vitiligo in the skin and eczema, as well as removing fats on the liver. The target group is professors, researchers and students.

Both attended the session

Prof. Dr. Abdul Karim Hussein Rumi

Prof. Dr. Ali Hassan Ali Wadi

1. Completing preparations to establish a Department of Limb and Support Manufacturing Technologies at the Diwanayah Technical Institute.
2. Opening of the model classroom complex at the Diwanayah Technical Institute.
3. Construction of a new fountain in front of the administration building.
4. Installing electric lighting poles in the corridors of the institute.
5. A new fountain is under construction between Al-Mutanabbi Building and the Al-Hasaba Center Building.
6. Construction of a research laboratory extension building.
7. Completing maintenance and rehabilitation work for the institute's laboratories and classrooms as part of the institute's objectives to provide a sustainable university environment for students and associates.

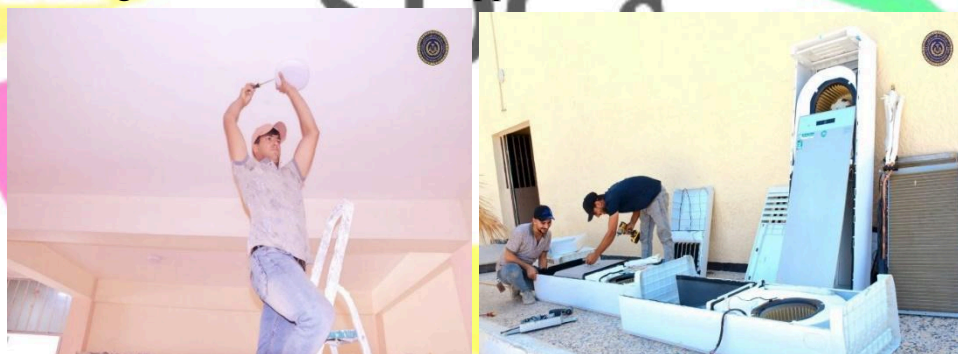


8. Maintaining generators and lighting poles, cleaning, decorating and watering gardens, and cleaning the institute's courtyards and corridors





9. Implementing a maintenance and rehabilitation campaign for refrigeration and electrical appliances



10. Rehabilitating the Institute Gate No. 2, rehabilitating and covering the floor of the medical departments, rehabilitating and maintaining the fountain in the middle of the institute's gardens, and rehabilitating the side gate of the medical departments building overlooking the Student Affairs Building.



11. Volunteer work for students of the Nursing Technology Department at the Diwaniyah Technical Institute in repairing medical devices in the scientific departments.

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12. Cleaning and watering gardens, removing excess and harmful plants, rehabilitating the courtyards, and rehabilitating and cleaning the courtyards for the gate.





13. Maintenance and restoration work for the transformer room opposite the Student Affairs Building.



14. Installing 1.5m garden lighting poles on the sides of the students' walkways.



15. Implementation works for the external fountain of the Technical Institute.



16. Making iron awnings in the yards.



17. Implementation and clearing works on the institute's external fence.

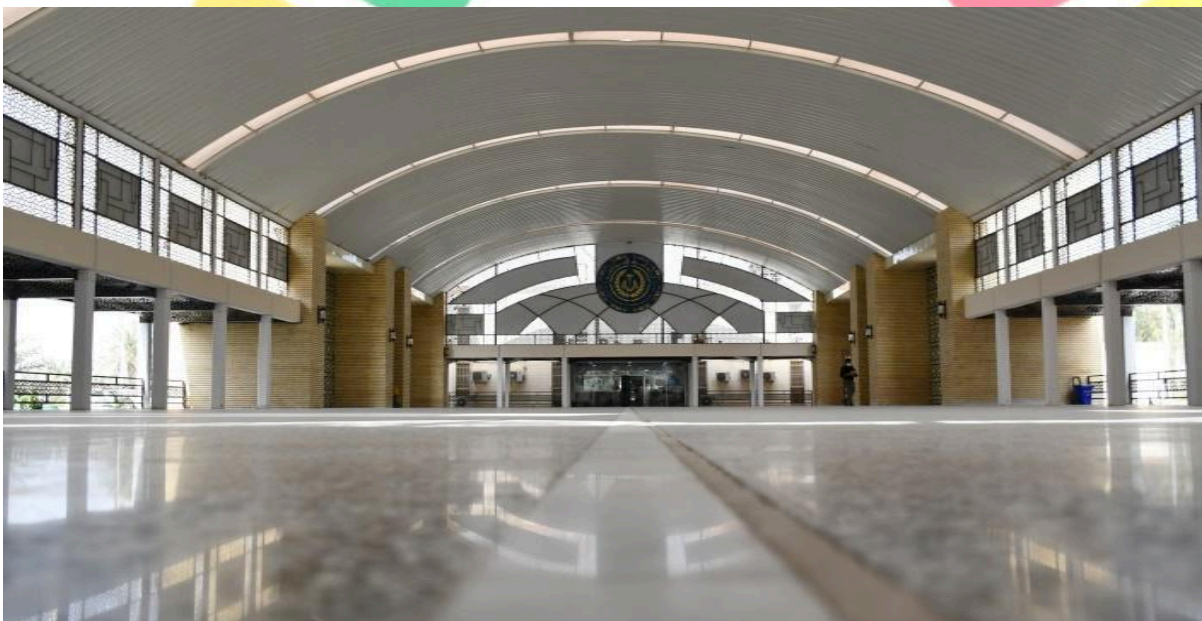




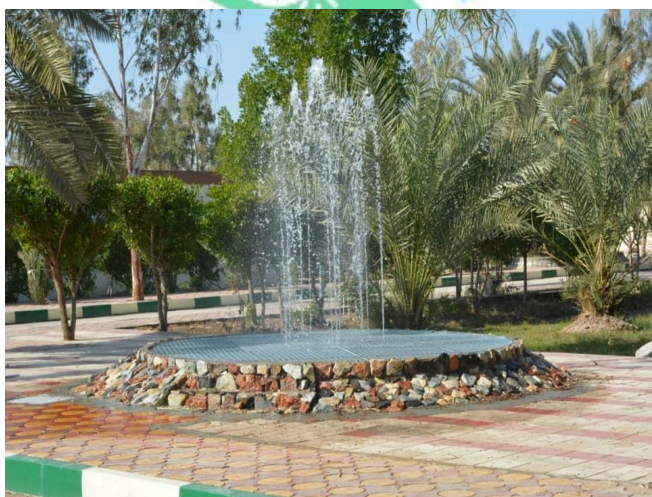
18. The final stages of construction work for the health laboratory annex.



- 1- Project name: Roofing the central space of the university presidency and constructing the main gates



2- Project name: Creating fountains and gardens at the entrance to the university presidency gate

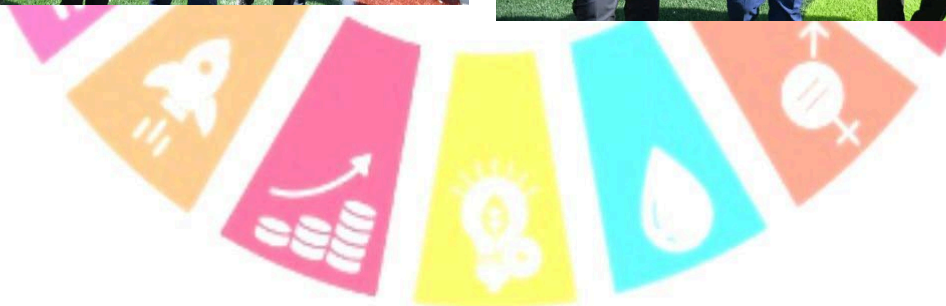


3- Project name: Establishment of a portal and information building for the entrance to the university presidency





4- Project name: Establishment of a seven-player stadium at the university headquarters





5- Project name: Creating a greenhouse for shade plants





6- Project name: Rehabilitation of the closed sports hall at the university presidency





7- Project name: Rehabilitation of the continuing education building at the university presidency

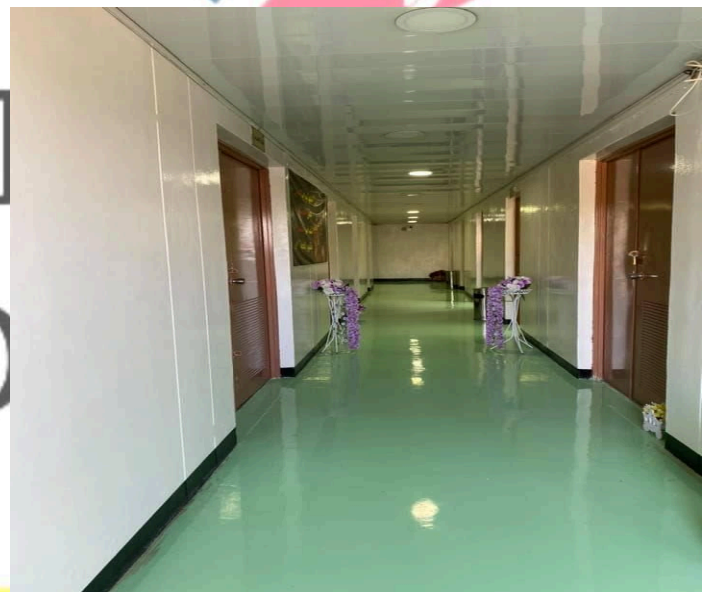
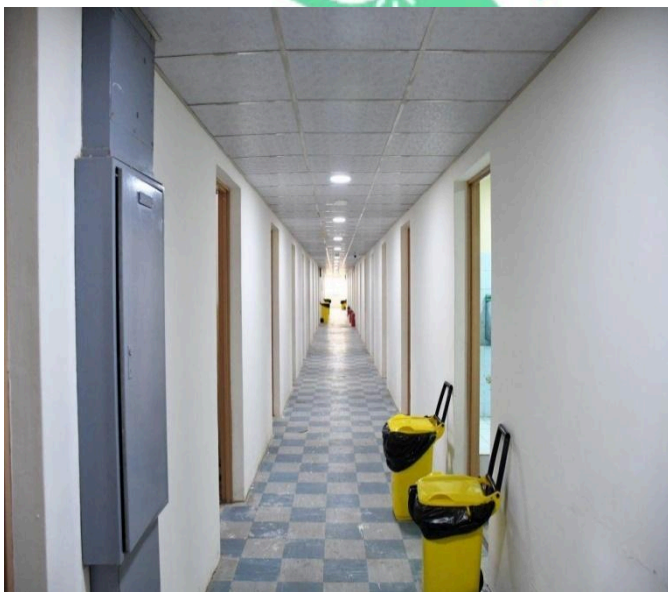




8- Project name: Establishment of green transportation stations (bicycles)



9- Project name: Rehabilitation of the internal departments building at the site of the Technical Institute / Najaf



10- Project name: Completion of the scientific departments building project at the Technical College of Engineering/Najaf





11- Project name: Construction of the Scientific Departments Complex building at the University Presidency

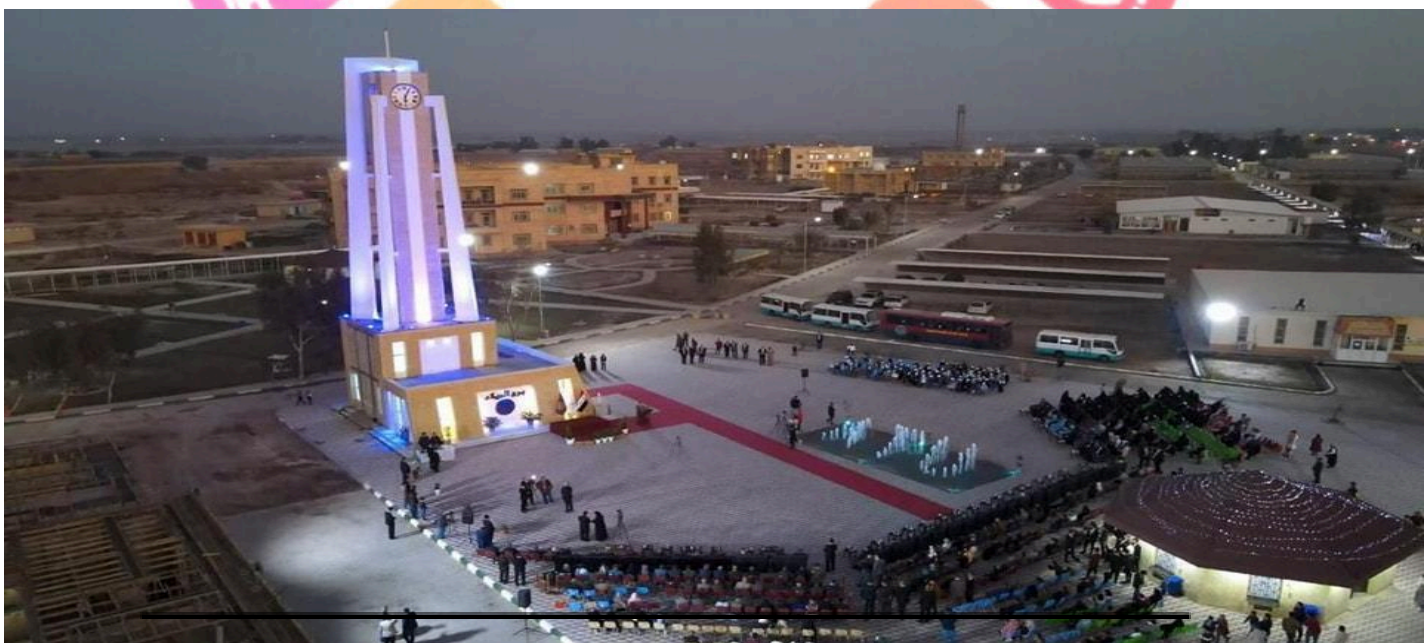


12- Project name: Establishment of a smart hall building in the university presidency





13- Project name: Establishment of the digital library and (Birthday Tower)





14- Project name: Project to complete the shortcomings of the building of the College of Health and Medical Technologies / Kufa



- In the context of Al-Furat Al-Awsat Technical University's efforts to achieve sustainable development goals... Al-Zuhairi inaugurates the Al-Bustan Model Project after rehabilitation:
<https://atu.edu.iq/?p=21764>





In the context of Al-Furat Al-Awsat Technical University's efforts to achieve sustainable development goals...

Al-Zuhairi inaugurates the Al-Bustan Model Project after rehabilitation.

In a promising and unique initiative... The President of Al-Furat Al-Awsat Technical University, Professor Dr. Muzaffar Sadiq Al-Zuhairi, inaugurated the Al-Bustan Model Project inside the university campus in Kufa.

It should be noted that the orchard, with an area of seven dunams, includes approximately one hundred and fifty palm trees that were planted during the year 2010.

During the past months, the university presidency has begun rehabilitating the orchard, plowing it, marketing the land, and installing a model irrigation system 55 meters long, in addition to establishing control gates for the outer perimeter and creating a water body with an area of 2,000 square meters with approaches, and expanded three thousand cubic meters of water to be exploited for the purposes of irrigating the orchard and its surrounding areas. .

The President of the University, during the opening ceremony, which was attended by the Dean of the College of the Future University, Professor Dr. Hassan Shaker Magdy, and the members of the University Council and department directors at the University Presidency, praised the efforts made to complete this project, which comes in the context of the University's directions to achieve sustainable development goals and provide a model university environment worthy of its name. The university and its position, especially the engineering and personnel staff in the departments of reconstruction, projects, and office affairs, the assistants, and the supporting administrative and financial circles.



- The Ministry of Higher Education and Scientific Research/the Scientific Supervision and Evaluation Agency granted certificates of excellence to Al-Musayyib Technical College at Al-Furat Al-Awsat Technical University, for the Department of Electrical Power Technology Engineering, Building and Construction, and the Department of Plant Production Technologies, for first place in the Iraqi classification of universities for the year 2021, by competing with... Corresponding majors in public universities, private universities and colleges: <https://atu.edu.iq/?p=22231>





-Opening of the classroom building for engineering specializations at Al-Musayyib Technical College: <https://atu.edu.iq/?p=21602>



For the sake of a sustainable university environment...and to improve the university environment and from the standpoint of sustainability and its importance to achieve a safe and comfortable university environment for members and students, the President of Al-Furat Al-Awsat Technical University,



Professor Dr. Muzaffar Sadiq Al-Zuhairi, inaugurated the engineering halls building at Al-Musayyib Technical College after its rehabilitation. Al-Zuhairi, in an interview with the university media, explained: The building includes two floors, which have been fully rehabilitated, and include model classrooms, rooms for discussing theses and dissertations for postgraduate students, as well as meeting rooms, rooms for teachers and associates, and other service complexes. Pointing out that the work was under the direct supervision of The Dean of the College, Assistant Professor Dr. Ali Hassan Al-Zubaidi, accepted the engineering positions in the College in coordination with the Department of Construction and Projects at the University Presidency. Al-Zuhairi stressed the necessity of improving the reality of services provided to students and paying attention to workshops, laboratories and other service facilities, which make the college and institute a model and attractive university environment through sound and rational management of material and human resources. He thanked the Dean of the College, the assistants and the associates for their distinguished efforts. In the same context, Al-Zuhairi met with a number of students and associates, listened to their problems, and recommended overcoming all obstacles. While the opening ceremony was attended by the university's scientific and administrative assistants, Professor Dr. Ahmed Ghanem Waday, Professor Dr. Muhammad Al-Majtoui, deans of colleges and institutes, department directors at the university presidency, assistants, department heads, associates, and students.

Al-Furat Al-Awsat Technical University provides free access to all whether they are students at the university or local, International community through different accesses such as Actual & Virtual Libraries, Computers, Actual & Online courses and workshops, free access to lectures, publications, etc. as in the following evidence





1- Free Libraries (Al-Furat Al-Awsat Technical University,Iraq)



2- Free Access for Computers (Al-Furat Al-Awsat Technical University,Iraq)

<https://atu.edu.iq/?s=%D8%A7%D9%84%D9%85%D9%86%D8%B4%D9%88%D8%B1%D8%A7%D8%AA>

3- Free Access for publications (Al-Furat Al-Awsat Technical University,Iraq)

- <https://t.me/atu2020>
- <https://www.youtube.com/channel/UCspR7h6fe217HXPE4ao4I8g/videos>

4- Free Access for Courses & Workshops (Al-Furat Al-Awsat Technical University,Iraq)

- https://cnj.atu.edu.iq/?page_id=6608
- https://isa.atu.edu.iq/?page_id=305

5- Free access for Lectures (Al-Furat Al-Awsat Technical University,Iraq)

- Al-Furat Al-Awsat Technical University provides free public access to open spaces and green spaces



https://youtu.be/fSigHTN_m1U

The university's sites in the five governorates are working on planting seedlings, where (9660) were planted during 2021 only, and planting the surrounding trees as windbreakers or fruit trees by (3200) while the palm trees are located (815) on the campus (Kufa) university during 2021. In the Technical Institute of Karbala, (50) new palms were planted in addition to the existing palms previously and according to distinctive agricultural arrangements that add aesthetics within its geographical location, and the cultivation is carried out by voluntary campaigns for students alone or with their professors and associates in the university sites to grow grass

- Al-Furat Al-Awsat Technical University undertake actions to promote the % of more sustainable commuting through
 1. Limiting parking to control on the space of parking
 2. Free to rent bicycles on campus to reduce Emissions
 3. Free Bus to reduce the number of cars in the university



Limiting parking (Al-Furat Al-Awsat Technical University)

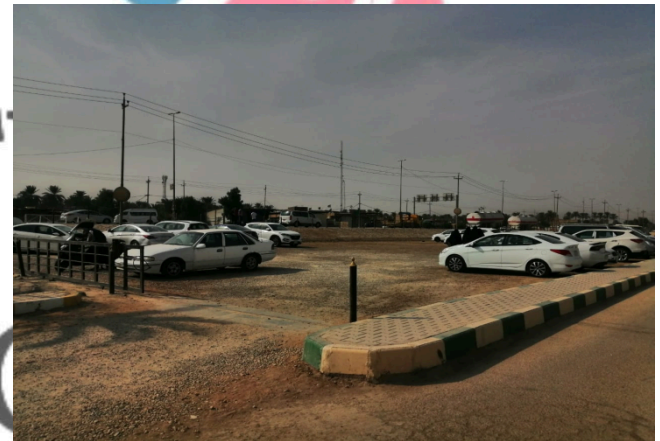


The Free bicycle (Al-Furat Al-Awsat Technical University)





Free Bus (Al-Furat Al-Awsat Technical University)



To reduce the carbon dioxide emissions within the ATU sits, it is the proposal for establishing special patches that control and reduce the number of vehicles allowed to travel or park in inside all ATU campuses, and building new parking areas for students' cars outside the ATU main campus and its related sites as well as expanding planted and the green regions inside ATU sites.