

Ministry of Higher Education and Scientific Research
Al-Furat Al-Awsat Technical University
Technical Institute / Kufa
Department of Plant Production Technologies
Quality Assurance and Performance Evaluation Division



Improvement and achievement plan

The Plant Production Technologies

Department

For the year 2024-2025

Improvement and achievement plan

The first standard //students

Points that need improvement	Implementation mechanisms	Outputs	Responsible for implementation	Responsible for follow-up	Has been accomplished %	Available documents supporting completion
<p>1-Lack of job opportunities for graduates of the department.</p>	<p>Contributing to the graduate's cognitive development in agricultural sciences in accordance with the objectives of the agricultural and service sectors and in harmony with the labor market.</p>	<p>Graduating students capable of: 1- Establishing their own projects in the agricultural field. 2- The ability to establish agricultural projects for all crops, vegetables or fruits, as well as maintain agricultural machinery. 3- The ability to produce and multiply beehives and increase honey production. 4- The ability to carry out maintenance work for agricultural</p>	<p>Head of the Plant Production Technologies Department</p>	<p>Deanship of the Technical Institute / Kufa</p>	<p>%100</p>	<p style="text-align: center;">Attachments</p> <p style="text-align: center;">Collection of pictures</p> <p style="text-align: center;">The department has a special apiary to train students</p> <p style="text-align: center;">There are 5 greenhouses</p> <p style="text-align: center;">The presence of a wooden canopy belonging to the section</p> <p style="text-align: center;">All of them are devoted to training students to create their own projects after graduation</p>

		<p>projects. 5- Teaching leadership skills, the value and quality of commitment, ethical behavior and respect for others.</p>				
<p>2-Governments' reluctance to employ graduates of the department</p>	<p>Improving the quality of the education process for agricultural specialization in line with preparing graduates who contribute effectively to the agricultural sector while paying attention to the educational and social dimensions.</p>	<p>Preparing a graduate who will contribute effectively to work, whether in the private or public sector, through: 1-Be able to produce beehives. 2-Be able to conduct laboratory experiments 3-The ability to maintain all agricultural projects to increase their production. 4-Implementation of agricultural business projects. 5- Calculating production quantities and studying the</p>	<p>Head of the Plant Production Technologies Department</p>	<p>Deanship of the Technical Institute / Kufa</p>	<p>%100</p>	<p>Collection of pictures</p> <p>The department has a special apiary to train students</p> <p>There are 5 greenhouses</p> <p>The presence of a wooden canopy belonging to the section</p> <p>All of them are devoted to training students to create their own projects after graduation</p>

		feasibility of many agricultural projects.				
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The second standard // Objectives of the educational program

Points that need improvement	Implementation mechanisms	Outputs	Responsible for implementation	Responsible for follow-up	Has been accomplished %	Available documents supporting completion
<p>1- Consistency between the objectives of the educational program and the department's vision</p>	<p>Educational programs were developed in the department in order to achieve the department's full vision. Accordingly, the objectives of the scientific department were consistent with the vision of the department and the institute by focusing on technical education and graduating competent technicians in operating and maintaining agricultural projects, marketing plant production, providing and organizing</p>	<p>Graduating students capable of working: 1- In the field of education as a teaching assistant in institutes with the corresponding specialization and in most state departments. 2- In service departments, including (agriculture departments in governorate centers, districts, and municipal departments for all state departments and the private sector.</p>	<p>Head of the Plant Production Technologies Department</p>	<p>Deanship of the Technical Institute / Kufa</p>	<p>%100</p>	<p>Tutorial objectives Vision, mission and objectives</p>

	information, and being able to serve the community in the field of specialization. .					
2- The process of reconsidering the objectives of the educational program	The objectives of the educational program are reviewed periodically, every three years, to develop them with the developments taking place in the workplace. Samples of workplaces are visited by some of the teachers to observe the developments and prepare the necessary recommendations for the department so that the educational objectives of the academic program can be reconsidered and the necessary changes are made in accordance with the	1- Developing educational programs in the department in order to achieve the department's full vision. 2-The objectives of the scientific department were consistent with the vision of the department and the institute by focusing on technical education and graduating competent technicians. 3- Qualifying and training human cadres scientifically, professionally and technically to work in agricultural production projects.	Head of the Plant Production Technologies Department	Deanship of the Technical Institute / Kufa	%100	Tutorial objectives Vision, mission and objectives

	developments occurring and indicated in The study prepared by the work site visit committee, taking into account not to deviate from the department's vision.					
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The Third standard// student outcomes

Points that need improvement	Improvement suggestions	Outputs	Responsible for implementation	Responsible for follow-up	Has been accomplished %	Available documents supporting completion
<p>1-Lack of financial resources and job opportunities in the agricultural sector at the country level.</p>	<p>Through the curricula, teaching methods followed, and the method of dealing with students, those in charge of the program work to obtain outcomes consistent with the educational objectives of the academic program by emphasizing: -The point of knowledge and understanding by focusing on fortifying the student with chemistry, biology, and agricultural engineering and using them to solve agricultural problems while</p>	<p>A- Knowledge and understanding 1-The ability to establish agricultural projects for all crops, vegetables or fruits, as well as maintain agricultural machinery. 2-The ability to produce and multiply beehives and increase honey production. 3-The ability to carry out maintenance work for agricultural projects. 4- Teaching leadership skills, the value and quality of commitment, ethical behavior and respect for others.</p>	<p>Head of the Plant Production Technologies Department</p>	<p>Deanship of the Technical Institute / Kufa</p>	<p>%100</p>	<p>Attachments Collection of pictures</p> <p>The department has a special apiary to train students</p> <p>There are 5 greenhouses</p> <p>The presence of a wooden canopy belonging to the section</p> <p>All of them are devoted to training students to create their own projects after graduation</p>

	building the graduate's personality as a cooperative leadership personality with high professional ethics.					
2- Lack of government support for establishing agricultural projects for the public and private sectors.	Ensure that the graduate of the program is able to 1- Analyze, design, implement and maintain (beehives - greenhouses - gardens) in the field of specialization. 2- Training the graduate on teamwork, effective communication with others, effective influence in society, and dealing with specialties close to his specialty.	B- Subject-specific skills: 1-Be able to produce beehives. 2-Be able to conduct laboratory experiments 3- The ability to maintain all agricultural projects to increase their production. 4-Implementation of agricultural business projects. 5-Calculating production quantities and feasibility studies for many agricultural projects.	Head of the Plant Production Technologies Department	Deanship of the Technical Institute / Kufa	%100	Theoretical and practical lectures and laboratories

The Fourth standard // Continuous improvement

Points that need improvement	Improvement suggestions	Implementation mechanisms	Responsible for implementation	Responsible for follow-up	Has been accomplished %	Available documents supporting completion
<p>1- Weak logistical support for project expansion</p> <p>2- Weak infrastructure of the department.</p>	<p>Improving future plans for the department's infrastructure and all its facilities.</p>	<p>1- A comprehensive restoration of the department.</p> <p>2- Developing the department's greenhouse and wooden canopy department.</p>	<p>Head of the Plant Production Technologies Department</p>	<p>Deanship of the Technical Institute / Kufa</p>	<p>%100</p>	<p>Increasing the number of greenhouses from 2 to 5</p> <p>All of them are devoted to training students to create their own projects after graduation</p> <p>Attachments Collection of pictures</p>
<p>1- Evaluation of employers</p>	<p>Improving future plans for theoretical and practical curricula and establishing additional intensive courses to raise the scientific and practical level of students</p>	<p>1- Develop a future plan for the department's need for advanced degrees in the field of required specializations.</p> <p>2- Holding a department session with the attendance of employers, taking their suggestions into account, and preparing special questionnaire forms.</p>	<p>Head of the Plant Production Technologies Department</p>	<p>Deanship of the Technical Institute / Kufa</p>	<p>%100</p>	<p>Minutes of Employers' Meeting No. 28 Dated 11/27/2024 With a special questionnaire form</p>

The Fifth standard // Course structure

Points that need improvement	Improvement suggestions	Implementation mechanisms	Responsible for implementation	Responsible for follow-up	Has been accomplished %	Available documents supporting completion
Update curriculum vocabulary Employer evaluation 1- Lack of combating desertification in the methodological vocabulary.	1- Adding the subject of combating desertification to the methodological vocabulary.	1- The employers' proposal was discussed in the seventh section session, No. 31, on 3/6/2024, and the addition of this article was approved at a meeting of the Council members.	Head of the Plant Production Technologies Department	Deanship of the Technical Institute / Kufa	%100	A memorandum addressing the Dean about adding the article on combating desertification for the purpose of including it in the deans' session to decide on it
No found	2- Employers' participation in developing the curriculum, and their response was adequate and targeted to the department's students	2- Through cooperative education to achieve methodological vocabulary, which is a type of educational method.	Head of the Plant Production Technologies Department	Deanship of the Technical Institute / Kufa	%100	Book of the Directorate of Agriculture of Najaf Al-Ashraf, No. 2841 dated 2/12/2024

The Sixth standard// Institute

Points that need improvement	Improvement suggestions	Implementation mechanisms	Responsible for implementation	Responsible for follow-up	Has been accomplished %	Available documents supporting completion
No found	No found	<p>1- The Technical Institute / Kufa provides all methods, according to the capabilities available to the program, and conducts scientific visits to various projects in the governorate and the rest of the governorates and Baghdad in order to increase the efficiency and practical experience of students before appointment and enroll them in practical courses in addition to summer training, which adds to their accumulated experience.</p>	<p>Head of the Plant Production Technologies Department</p>	<p>Deanship of the Technical Institute / Kufa</p>	<p>%100</p>	<p>Administrative Orders for Scientific Visits Scientific Visit to Kufa Silo No. 7/27/4470 On 13/ 11 /2024</p> <p>Scientific Visit to Babil Governorate - Al-Kifl Orchards Nursery 7/27/4301 on 6/ 11/2024</p>
No found	No found	2-The Institute	Head of the Plant	Deanship of	%100	Administrative Orders for

		holds specialized courses through continuing education as services to the community of all segments and educational levels at reasonable prices.	Production Technologies Department	the Technical Institute / Kufa		Specialized Courses Administrative Order No. 7/27/2801 of 11 /9/ 2024 Administrative Order No. 7/27/5033 of 17/ 12/ 2024 Administrative Order No. 7/27/729 of 10/2/ 2025
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The Seventh standard// lecturer

Points that need improvement (The aim)	Improvement suggestions	Implementation mechanisms	Responsible for implementation	Responsible for follow-up	Has been accomplished %	Available documents supporting completion
The number of lecturer in relation to the number of students 9lecturer / 4 students	No Found	Preparing statistics on the ratio of teaching staff to the number of students	Head of the Plant Production Technologies Department	Deanship of the Technical Institute / Kufa	%100	Administrative order dated 4/7/2024
Bridging the deficit in the number of teachers holding doctoral degrees There is no deficit	Develop a strategic plan to cover the deficit or distribute the surplus No Found surplus	Appointing or requesting lecturers who hold a doctorate degree There is no need for that 1- The presence of a distinguished teaching staff with advanced degrees.	Head of the Plant Production Technologies Department	Deanship of the Technical Institute / Kufa	%100	Statistics of faculty members holding a PhD
Scientific specialization of faculty members Availability of all required specializations	Updating the database for lecturer The database is updated on the website		Head of the Plant Production Technologies Department	Deanship of the Technical Institute / Kufa	%100	https://lecturer.atu.edu.iq/assortment.php https://lecturer.atu.edu.iq/index.php

in the department						
Administrative burden for teaching staff			Head of the Plant Production Technologies Department	Deanship of the Technical Institute / Kufa	%100	Administrative order to distribute the tasks of teaching and technical staff to the four laboratories of the department on 9/12/2024
There is no burden						

The Eighth standard// Facilities

Points that need improvement (The aim)	Improvement suggestions	Implementation mechanisms	Responsible for implementation	Responsible for follow-up	Has been accomplished %	Available documents supporting completion
<p>1-The lack of a financial resource for the department.</p> <p>2- Lack of financial allocation to support the capabilities of the scientific department through the availability of better educational platforms.</p>	<p>Overcoming obstacles in front of students to achieve the required student outcomes, as the offices of the department head and rapporteur are always open to students to listen to the problems that hinder the student's study and to overcome these obstacles to his studies during the study period.</p>	<p>1- The presence of the institute's library at the service of the educational program.</p> <p>2- There is a central library for the entire university program that contains a large number of specialized and modern books, in addition to a number of specialized periodicals and magazines.</p> <p>3- An electronic library that includes more than thirty thousand titles in various specializations available to students.</p>	<p style="text-align: center;">Head of the Plant Production Technologies Department</p>	<p style="text-align: center;">Deanship of the Technical Institute / Kufa</p>	<p style="text-align: center;">%100</p>	<p style="text-align: center;">No found</p>

<p>1- There is no direct impact from the scientific department on learners due to the lack of job opportunities.</p>	<p>1- Everything that is prepared in the educational program or department within the set of facilities (devices, library, laboratories, computer resources, etc.) is to meet the students' need to complete the educational project and implement the required outcomes.</p>	<p>1- Graduating students qualified to work in both the public and private sectors. 2- Graduating competent students qualified to compete in the labor market.</p>	<p>Head of the Plant Production Technologies Department</p>	<p>Deanship of the Technical Institute / Kufa</p>	<p>%100</p>	<p>No found</p>
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The Ninth standard: institutional support

Points that need improvement	Improvement suggestions	Implementation mechanisms	Responsible for implementation	Responsible for follow-up	Has been accomplished %	Available documents supporting completion
1-The educational program does not have a special budget, as it depends entirely on the institute to meet all its fixed and changing needs.	1- Annually, before the start of the academic year, each educational program presents the complete plan for the academic year, including courses, workshops, seminars, student activities, cultural, artistic, sports, and others, in order to make financial allocations and provide other requirements necessary to implement the submitted plan.	1- The fact that the funding sources for the program are sufficient to meet the program's needs to ensure the achievement of the student's outcomes required in the program.	Head of the Plant Production Technologies Department	Deanship of the Technical Institute / Kufa	%100	No found
No found	No found	1- The presence of a department head who holds a				

		<p>doctorate and holds the scientific title of Assistant Professor.</p> <p>2- Follow up on the progress of the educational process, follow up on students' problems on a daily basis, organize the weekly schedule, semester and final exams, etc.</p> <p>3- Important and crucial decisions related to the program or students are discussed and taken by the department council, which includes a number of professors in the department, and the department council meeting is held every two weeks.</p>	<p>Head of the Plant Production Technologies Department</p>	<p>Deanship of the Technical Institute / Kufa</p>	<p>%100</p>	<p>No found</p>
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