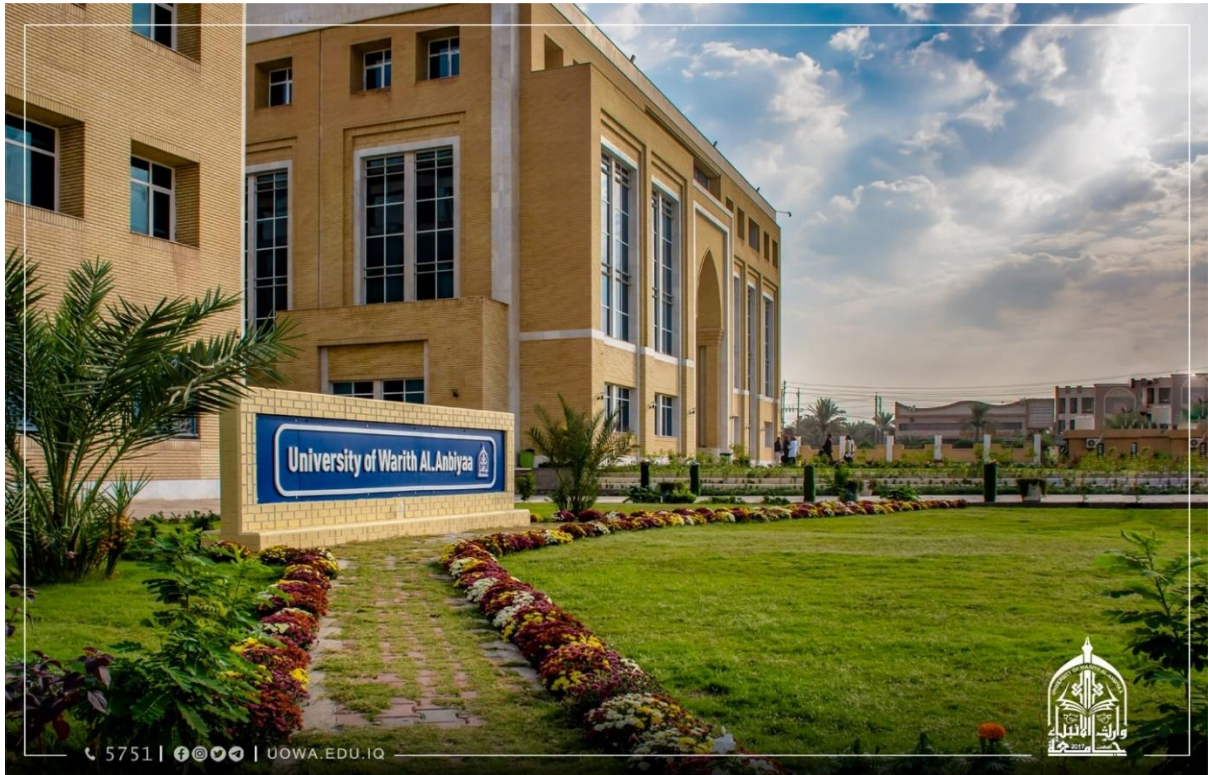


**Ministry of Higher Education and Scientific Research**  
**University of Warith Al-Anbiyaa**  
**College of Engineering**



**Strategic Plan 2028-2023**  
**Collage of Engineering**  
**University of Warith Al-Anbiyaa**

## **Introduction**

Praise be to Allah, and peace and blessings be upon the Messenger of Allah, Muhammad (PBUH), and upon his pure and good family and companions.

Strategic Planning for the College of Engineering represents an important priority of effective management, which represents a guiding map to reach between two points (reality and future), as it works to achieve a clear vision about the future of the college and unified goals between the college departments. The existence of the strategic plan also contributes to the optimal use of available material resources and human competencies within the college and the university.

The strategic plan is one of the most important requirements for achieving institutional accreditation and activating the quality of its programs and programs.

The University of Warith Al-Anbiyaa (peace be upon them) and its colleges were keen to develop a five-year strategic plan from (2023-2028) that includes setting a vision, a mission, core values, and specific goals that help in reaching the world.

The College of Engineering at Al-Warith University seeks to distinguish itself from dozens of engineering colleges in Iraqi universities in addition to enhancing the role of its working women and students in society by raising the scientific and moral value of the college's staff.

Based on the above, the working team concerned with this task adopted the stages of building the strategic plan, analyzing the current reality as a starting point, where the analysis was based on the vision, mission and goals of the university, which were based on internal and external factors that represent binding promises from a legal and moral standpoint. A combination of modern scientific methodologies for strategic planning was used to benefit from the experiences and expertise of international universities whose circumstances are consistent with the University of the Heir of the Prophets.

The committee held several meetings with the participation of the deans of the colleges, in which they discussed the university's strategic direction and learned about the future desires and aspirations of the college's departments. Meetings were also held with community elites, associations and governmental and civil unions about the university's graduates and how to improve the university's outputs and discuss the labor market.

Strategic Plan for the College of Engineering, University of the Warith Alanbiyaa.

The strategic plan is the key to the success of the college and the university in higher education and is the basis for decision-making as well as the good path to obtaining a good and sustainable education.

The strategy consists of three stages:

- The first stage: Formulating the strategy, which includes setting a vision, mission, goals, core values, and strategies that help it achieve leadership.
- The second stage: Implementing the strategic plan and reviewing it from time to time, including programs, budgets, and procedures.
- The third stage: The evaluation and control stage.

Building the strategy

1. Analyzing the current reality of the College of Engineering
2. Analyzing strengths and weaknesses.
3. Elements of the strategy (vision - mission - goals - governing values).
4. Determining the future path of the engineering college to ensure the requirements and needs of the labor market.

The strategic plan answers many questions such as what does the college do? How does it distinguish and excel? What are its goals and values? Which stems from the strategic direction of the university's vision and mission, and this is done through interviews or questionnaires for students, teaching staff, and administrative employees working at the university. In light of this, data is collected, analyzed, and discussed by the Strategic Plan Preparation Committee and the university's senior management for the purpose of agreeing on indicators agreed upon by decision-makers. Based on the above, the vision, mission, goals and governing values are binding promises from a legal and moral standpoint.

The current reality of the College of Engineering of the University of Warith Alanbiyaa

The engineering collage is a part of University of the Wraith Alanbiyaa is a private academic institution for public benefit that was established in Karbala under the order issued by the Ministry of Higher Education and Scientific Research No. (T H A / K 4727) dated (10/7/2017). With four colleges (College of Engineering - College of Nursing - College of Law - College of Administration and Economics). Then on (23/9/2018), the College of Islamic Sciences was established under the Ministerial Order No. (T H / A Q / 15553) and on (24/11/2020), the College of General Medicine was established under the Ministerial Order (T H A / Q 542).

The College of Engineering consists of five departments: the Department of Civil Engineering, the Department of Biomedical engineering, the Department of Air Conditioning and Refrigeration Technologies, the Department of Aircraft Engineering, and the Department of Oil and Gas Engineering.

1- Civil Engineering Department: The study began in the department 2018\2017

It was establishing graduated study in 2020\2021

The study period is 4 years

Approval was obtained to open postgraduate studies in 2023\2024

High quality laboratories are available

2- Biomedical Engineering Department: The study began in 2017\2018

The study period is 5 years

The first batch graduated in 2021\2022

3-Refrigeration and Air Conditioning Engineering Technologies Department:

The study began in 2017\2018

The study period is 4 years

The first batch graduated in 2020\2021

#### 4- Aircraft Engineering Department:

The study began in 2023\2024

The stud period is 4 years

#### 5- Oil and Gas Engineering Department:

The stud period is 4 years

The study began in 2023\2024

997 male and female students are enrolled in the College of Engineering and its departments and branches

The teaching, administrative and technical staff in the College of Engineering

Teaching staff Administrative and technical staff Total 40

Males 32 and Females 8

8 administrators and 15 technicians

Ratio of males to females % 75%

Strategy elements of the College of Engineering at the University of Warith Alanbiyaa

Vision

The College of Engineering at the University of Warith Al-Anbia seeks to be a college with distinctive and sustainable products with ethical values and to be among the best solid engineering colleges in the world.

The message

The College of Engineering at the University of Warith Al-Anbiya (peace be upon them) seeks to employ technology in education, confirm the quality of education within the framework of international standards, support scientific research that enhances sustainable development, and serve the community

### Governing values

These are the intellectual and behavioral concepts that the college adopts to be a realistic behavior and a distinctive feature of its members and students and contribute to guiding their behavior and performance of their work with each other or with individuals and external organizations

For the success of the strategy, there is a set of values that represent the basic starting point for its implementation, including

#### 1. Moral commitment

Discipline in job work - considering work as worship, life and happiness in accomplishing the required work

#### 2. The principle of paternalistic management

Not to discriminate and distinguish between people in terms of religion, sect, race and color and adhere to the hadith of Imam Ali (peace be upon him): People are of two types, either your brother in religion or your equal in creation

#### 3. Transparency

Clarity of procedures and commitment to professional ethics and professional behaviors for the university's outputs in the labor market. As well as scientific integrity in transferring knowledge and commitment to adopting the lofty Islamic values and principles.

#### 4. Combating corruption

5. Working as a team, cooperation and working as a team and believing in teamwork as a team to achieve the college's vision, mission and research goals, in addition to calling on partners and stakeholders to contribute to rooting teamwork and working as a team to achieve common goals in all educational, research and community responsibility fields.

## Objectives

The first objective: University student life

- To make the College of Engineering at the University of Warith Al-Anbiyaa the student's choice and the destination they turn to.
- To make the college campus at the university beloved and comfortable for everyone with a focus on the comfort of students
- To enhance programs, services and facilities for students with disabilities

The second objective: To maximize the reputation of the research college

The third objective: Safety and a sense of belonging to the institution

A positive feeling that affects the employee's psyche in performing his work and enhances his sense of belonging and loyalty to the institution in which he works. Job security is a principle, standard and moral value that guides human behavior, controls his emotions and ensures a good degree of balance between his rights and duties.

- Job security (love of place and job - retirement, social and health insurance - appreciation of efforts - a suitable work environment - the success of the institution also returns to the employee -
- Participation in decision-making and presenting ideas
- Justice and non-discrimination among employees

Analysis of the current reality of the College of Engineering at the University of Warith Al-Anbiyaa .

The realistic evaluation of the College of Engineering at the University of Warith Al-Anbiyaa depends on a number of things, including self-evaluation in addition to SWOT analysis, which includes an analysis of strengths, weaknesses, opportunities and threats, to come up with a realistic evaluation of the current situation, which will contribute to providing a successful and effective strategy that can be measured and applied. The College of Engineering seeks to achieve quality assurance and obtain academic and programmatic accreditation and

spread the culture of quality and excellence and adopt ISO specifications for quality management and the educational institution so that there is a department, unit or committee in the College of Engineering dedicated to the quality system and strive to advance the college at the levels. The college also seeks to have a distinguished infrastructure that achieves Completing the requirements of the educational and administrative process, participating in local and international events, and continuous work to achieve advanced rates to meet the requirements of international classifications, as well as its continuous pursuit of obtaining ISO and following up on its implementation and supporting procedures that support job stability.

### Strengths points and weaknesses points

In this element, the strengths of the college are considered and taken care of, and work is done to enhance and support them in order to implement the plan and reach the goal in the shortest period. It is also necessary to consider the weaknesses and challenges facing the future of the college and work to improve them or get rid of them and make them strengths for the continued success of the plan and for the strategy to be flexible and dynamic.

### Strengths points

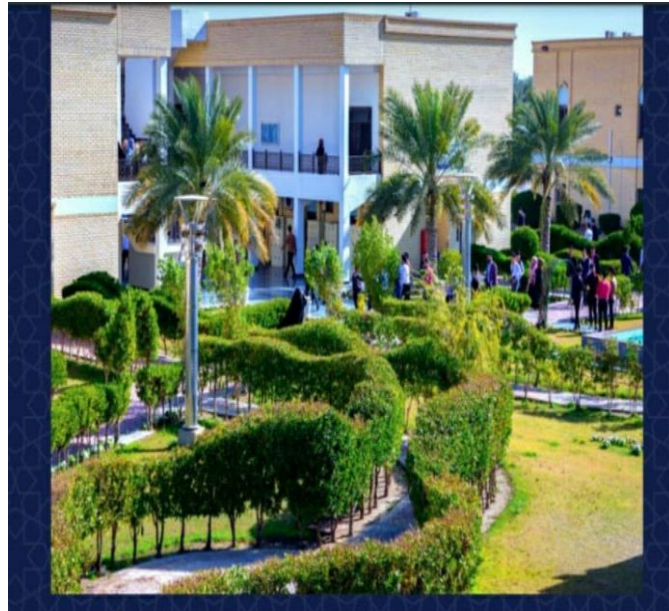
In an effort by the College of Engineering to make positive changes in management systems that are based on the philosophy of total quality in education and are a flexible and dynamic strategy and seek to enhance them, including:

1. The presence of excellent infrastructure such as classrooms equipped with smart screens and internet service
2. The affiliation of the college and the legacy of the prophets to the holy shrine of Imam Hussein, which believes in continuous development and improvement
3. The presence of supporting staff from different age groups with diverse backgrounds from local and international universities.
4. The diversity of scientific specializations in the College of Engineering
5. The university's distinguished location in the city of Karbala and ease of access



6. The presence of a good university environment by providing green spaces, service facilities, restaurants, parking lots close to the university and transportation lines for students and employees

7. Providing security within the university campus



#### Weaknesses points

1. Weakness and difficulty of participation in international research conferences
2. Weak media publicity in places far from the governorate
3. Lack of a strong and widespread presence in the external community

#### Proposed solutions to current problems and future risks

In order to protect the college from the negative effects of internal and external risks and reduce the degree of their impact

And take advantage of opportunities that may arise in the future, there are some suggestions that are taken into consideration, the most important of which are:

First: Support and develop the staff functionally and administratively

- Support the staff through training on modern methods (holding specialized courses to develop scientific and administrative staff)
- Re-evaluating the staff according to the job description
- Setting a time limit for completing the work

Second: Scientific and research development

- Holding scientific conferences and allocating financial amounts for them
- Participation of researchers in external international conferences and supporting them morally and materially
- Supporting distinguished researchers materially and morally

Third: Investing in the labor market

- Studying the labor market in terms of required specializations
- Finding a mechanism to develop infrastructure
- Opening investments Other to support the college's financial policy.

Environmental analysis

Searching for potential opportunities and risks for priority topics related to

Determining the impact of the environment on the college (example: The opinions of professional organizations and unions were taken and some of the questions directed to express their opinions were as follows:

- The reputation of the college in the community
- The current reality of the college of the university
- How to link the university's outputs to the labor market

Threats

1- Competition with other educational institutions in the region

1- Weak labor market and difficulty for some graduates of university departments to obtain the appropriate job in the field of specialization.

2- Weak level of higher education inputs (i.e. weak secondary education outputs).