UNIVERSITY OF WARITH AL-ANBIYAA

2025

كلية علوم الحاسوب وتكنولوجيا المعلومات
COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

Strategic Plan
2025-2030

A distinguished scientific edifice in the fields of artificial intelligence and cyber security

Email: csit@uowa.edu.iq - Warith Al-Anbiya University

بِسْمِ اللهِ الرَّحْمَنِ الرَّحِيمِ

"يَا مَعْشَرَ الْجِنِّ وَالْإِنْسِ إِنِ اسْتَطَعْتُمْ أَنْ تَنْفُذُوا مِنْ أَقْطَارِ السَّمَاوَاتِ وَالْأَرْضِ فَانْفُذُوا ۚ لَا تَنْفُذُونَ إِلَّا بِسُلْطَانٍ"

صَدَقَ اللَّهُ الْعَلِيُّ الْعَظِيمُ

(سُورَةُ الرَّحْمَنِ – الآية 33)

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1 Message of the Dean

Dean of the College
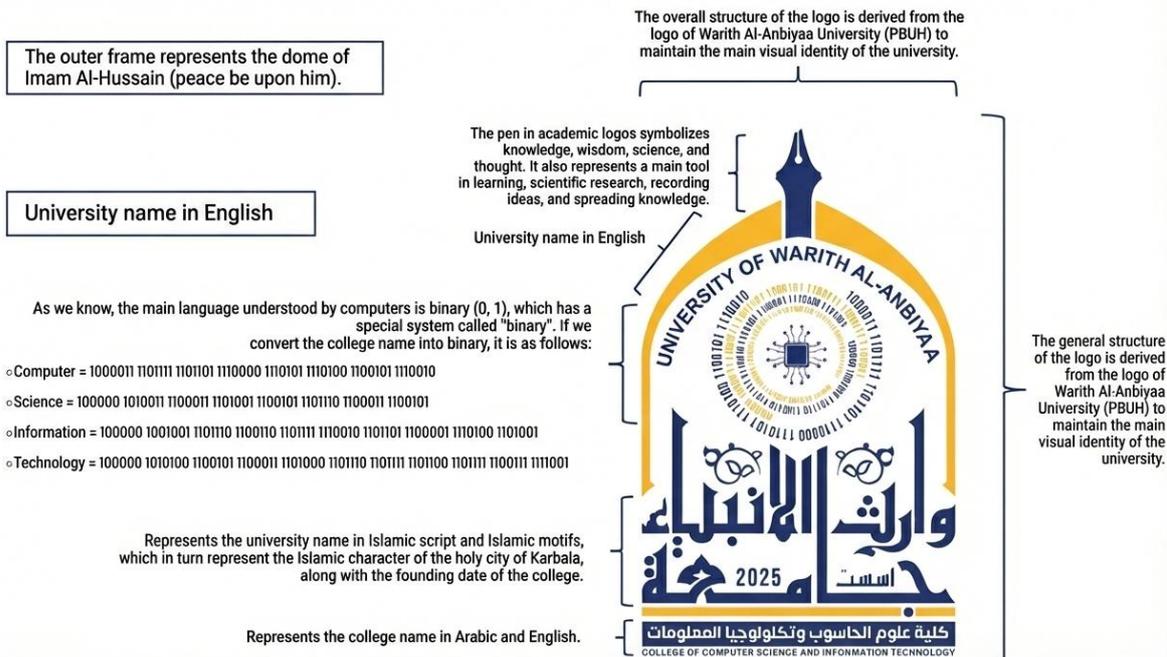## Dr. Hayder Mohammed Ali Ali Kadim

In the name of God, the Most Gracious, the Most Merciful, my sons and daughters, dear students of Warith Al-Anbiya University, we welcome you to the Faculty of Computer Science and Information Technology, where we step together, inspired by the message of Imam Hussein (peace be upon him) the values of sincerity, excellence, and service to humanity, to create the features of the future in a world that does not stop innovating. Our vision emanates from the spirit of this blessed renaissance to be a leading institution locally and internationally that keeps pace with technological acceleration and formulates its paths with honesty and science, as we are not satisfied with the transfer of knowledge, but seek to consolidate excellence in the Education and scientific research as a sublime mission we perform towards society. We aim to prepare you to be leaders and innovators, armed with the latest technology in an environment that stimulates critical thinking and makes continuous learning a never-ending passion, in line with the theoretical and practical foundations of developing computer systems that innovate technological solutions that serve humanity and support the digital economy. At your university, Warith Al-Anbiya University, we are committed to providing a cutting-edge research environment that ensures the practical application of your knowledge, while instilling the ethical values and social responsibility that we learned from the Hussein School, to be an honorable façade for your religion and your country in the fields of programming, cybersecurity, and data analysis. I look forward with you and you to a year full of achievements, and I call on all of you to be one hand in achieving this vision and building a technological future based on science and values.

2 About the College

The College of Computer Science and Information Technology at Warith Al-Anbiya University (peace be upon him) is one of the modern and innovative pillars in the academic environment during the current academic year. The establishment of this college comes in response to the rapid development in the fields of digital technology, and in order to prepare a generation of scientifically and practically qualified graduates in the disciplines of computer science, artificial intelligence, and cybersecurity, to be active elements capable of contributing to the development of society and the labor market.

The establishment of the college reflects the university's commitment to providing high-quality education that keeps pace with the latest global scientific and technological developments. The college also provides its students with advanced educational and applied opportunities to acquire technical skills and specialized knowledge in the fields of programming, data analysis, smart systems, and information protection, in order to enhance their professional readiness and ability to innovate and compete.

Logo of the College of Computer Science and Information Technology

The outer frame represents the dome of Imam Al-Hussain (peace be upon him).

University name in English

As we know, the main language understood by computers is binary (0, 1), which has a special system called "binary". If we convert the college name into binary, it is as follows:

- Computer = 1000011 1101111 1101101 1110000 1110101 1110100 1100101 1110010
- Science = 100000 1010011 1100011 1101001 1100101 1101110 1100011 1100101
- Information = 100000 1001001 1101110 1100110 1101111 1110010 1101101 1100001 1110100 1101001
- Technology = 100000 1010100 1100101 1100011 1101000 1101110 1101111 1101100 1101111 1100111 1111001

Represents the university name in Islamic script and Islamic motifs, which in turn represent the Islamic character of the holy city of Karbala, along with the founding date of the college.

Represents the college name in Arabic and English.

The overall structure of the logo is derived from the logo of Warith Al-Anbiyaa University (PBUH) to maintain the main visual identity of the university.

The pen in academic logos symbolizes knowledge, wisdom, science, and thought. It also represents a main tool in learning, scientific research, recording ideas, and spreading knowledge.

University name in English

The general structure of the logo is derived from the logo of Warith Al-Anbiyaa University (PBUH) to maintain the main visual identity of the university.

UNIVERSITY OF WARITH AL-ANBIYAA

وارث الأنبياء جامعة

2025

كلية علوم الحاسوب وتكنولوجيا المعلومات
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3 Departments of the College

3.1 Cyber Security

The Department of Cybersecurity is distinguished by providing study programs that keep pace with the rapid developments in the field of information protection and digital systems. The department is concerned with qualifying students with the skills of securing networks, data protection, managing cyber risks, detecting vulnerabilities and dealing with cyberattacks. The department aims to prepare specialized cadres capable of protecting digital infrastructures and reacting efficiently to modern security challenges in accordance with national and international standards.

3.2 Artificial Intelligence

The Department of Artificial Intelligence is distinguished by providing modern academic programs that keep pace with the rapid progress in the fields of intelligent systems and data analysis. The department is concerned with qualifying students with the skills of designing and developing smart algorithms, machine learning, deep learning, and big data processing. The department aims to prepare specialists who are able to innovate and apply smart solutions in various sectors, in a way that contributes to supporting digital transformation and facing contemporary technical challenges.

4 College Students

The College of Computer Science and Information Technology enjoys wide acceptance among students, and is increasingly popular with students, due to its good academic reputation in the country. The number of students at the college is (61) male and female students in the first stage, distributed among the departments of Cyber Security and Artificial Intelligence, and from various governorates of Iraq. This diversity of students contributes to the creation of a multicultural learning environment that promotes positive interaction between students, and enriches the educational process through the exchange of experiences and knowledge, in line with the goals of the College of Computer Science and Information Technology Academic and Scientific College.

5 Faculty & Staff

The total number of faculty members during the academic year 2025-2026 is (14) and the number of staff is (6). The table below shows the number of faculty members with their scientific titles.

No.	Name	Scientific Title
1	Hayder Mohammed Ali Ali Kadim	Assistant Professor Doctor
2	Mohsin Hasan Hussein	Assistant Professor Doctor
3	Ahsan Ahmed Mohammed Lahmood	Assistant Professor Doctor
4	Ali karem abdul raheem	Lecturer Doctor
5	Maky H.Abdulraheem	Lecturer Doctor
6	Mahmood Jasim Khalsan Hadi	Lecturer Doctor
7	Abdul Kareem Zuwain Mohammed Hamzah	Lecturer Doctor

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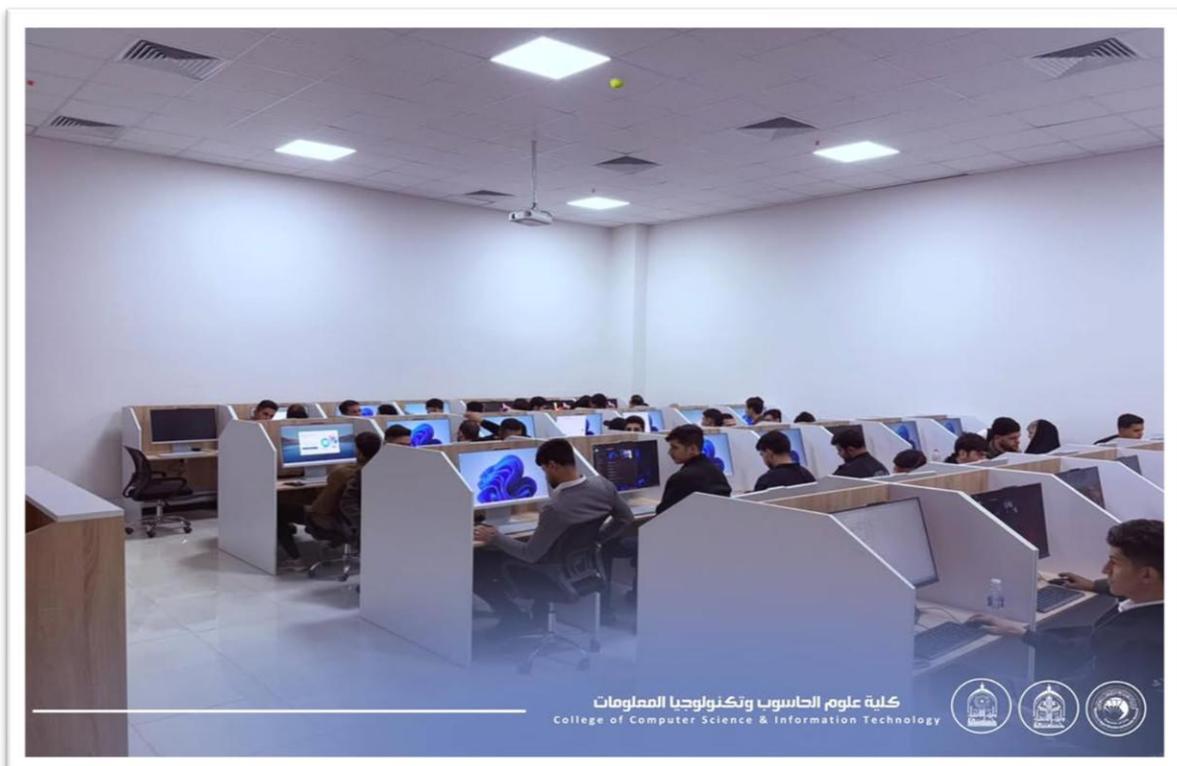| 8	Ali Abed Hussein Aziz Altalbi	Lecturer Doctor
9	Hussein Zaki Jassim Mohammed	Lecturer
10	Nabeel Sadeq Abdulabbas Alsharafa	Assistant Lecturer
11	Ali Abdul Hussein Ibrahim Ramadan	Assistant Lecturer
12	Karrar Sadiq Mohsen Jawad	Assistant Lecturer
13	Ali Mahmoud Ali Assi	Assistant Lecturer
14	Elaf Ali Sfoog Sweif	Assistant Lecturer

Staff schedule

NO	Employee Name	Position
1	Montazer Idris Ali	Assistant
2	Ali Mahdi Mazloum	Assistant
3	Muhannad Ali Saleh	Assistant
4	Alaa Hassoun student	Assistant
5	Zahraa Fadel Hussein	Assistant
6	Sakina Hassan Hamid	Administrative

6 College Infrastructure

The College of Computer Science and Information Technology has a newly established infrastructure that supports the educational process, including offices, lecture halls, and advanced scientific laboratories that suit the requirements of the educational process, and can be summarized as follows:

6.1 Scientific Laboratories

Cybersecurity Department Laboratories: The Cyber Security Department has one laboratory dedicated to serving first-stage students. The laboratory is contemporary and designed according to the requirements of the laboratory quality system approved by the Ministry of Higher Education and Scientific Research, with a capacity of up to 20 students. The laboratory is equipped with modern e-learning technologies, specialized simulation environments in network security, operating systems, and ethical penetration testing, as well as educational demonstrations and advanced training software, to ensure the achievement of practical training requirements and the development of basic skills set within the curriculum. The mechanism of in-laboratory education is based on contemporary methods, based on approved checklists, direct practical practice under the supervision of the teacher, and then providing feedback to students, while documenting performance and results in the special record in the laboratory, in order to achieve the quality of practical education and raise the efficiency of learning outcomes.

Laboratories of the Department of Artificial Intelligence: The Department of Artificial Intelligence contains one laboratory dedicated to serving students of the first stage. The laboratory is contemporary and designed according to the requirements of the laboratory quality system approved by the Ministry of Higher Education and Scientific Research, with a capacity of up to 20 students. The laboratory is equipped with modern e-learning technologies, high-specification computers, specialized software in machine learning, deep learning, data analysis, and smart simulation, as well as modern educational illustrations and applied models, in order to achieve the requirements of practical training and the development of basic skills set within the curriculum.The mechanism of in-laboratory education is based on contemporary educational methods, based on approved checklists, practical practice under the supervision of the teacher, and then providing feedback to students, while documenting performance and results in the laboratory's record, which contributes to raising the efficiency of learning outcomes and achieving the quality of practical education.
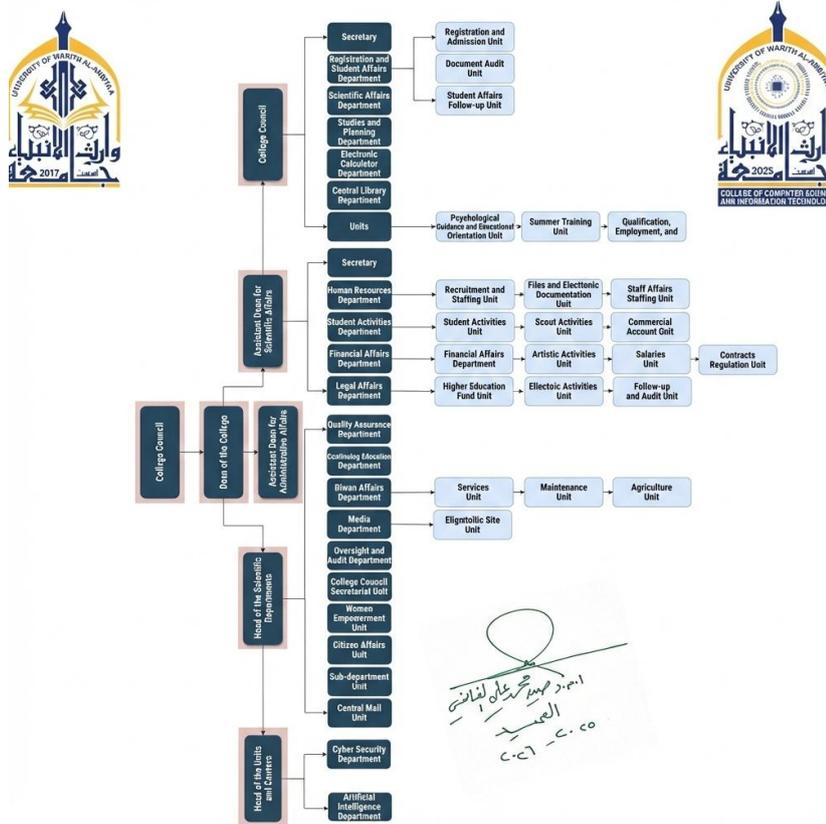
7 Learning Outcomes

Cybersecurity Department: Understand the basics and concepts of information security and cybersecurity. Ability to protect networks and systems from cyber threats. Apply encryption and identity management and authority techniques. Detect vulnerabilities and analyze and remediate risks. Use of security testing and cyber monitoring tools. Adherence to ethical and legal standards in the field of information security.

Artificial Intelligence Department: Familiarity with basic and advanced concepts in Artificial Intelligence and Machine Learning. Ability to design and develop intelligent algorithms and systems. Analyze data and use it to build effective predictive models. Using modern AI tools and software efficiently. Work in multidisciplinary teams and solve complex technical problems. Commitment to professional ethics and social responsibility in AI applications.

8 Organizational Structure of the College

This organizational structure clarifies the administrative and academic framework of the College of Computer Science and Information Technology, and outlines the lines of connection and responsibilities between its various formations, in order to ensure the proper functioning of the work in accordance with the approved instructions.

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9 Key Strategic Elements

9.1 Vision

The College of Computer Science and Information Technology at Warith Al-Anbiya University aspires to be a leading and distinguished academic institution in education, research, and technical training, and to have a prominent position at the national and international levels, by preparing graduates who possess scientific competence and advanced technical skills, and are able to keep pace with the rapid transformations in the fields of information technology, cybersecurity, and artificial intelligence, and to contribute effectively to building a knowledge economy and a secure and sustainable digital society.

9.2 Mission

The College of Computer Science and Information Technology is committed to providing high-quality academic education based on modern international standards, integrating deep theoretical knowledge with advanced practical application, and promoting innovation, critical thinking, and continuous learning. The College seeks to transfer and localize contemporary technical skills for students, including modern technologies that may not be included in the official curriculum, in response to the requirements of the current time stage and the needs of the labor market, and in a way that contributes to the preparation of qualified technical cadres capable of competing locally and internationally. and serving the community with high professional and ethical responsibility.

9.3 Objectives

- To provide an advanced educational and research environment that adopts the best academic practices applied in prestigious universities.
- To prepare graduates with a solid scientific foundation and modern technical skills in the fields of computer science and information technology.
- Adapting educational programs to the rapid global developments and the requirements of the local and international labor market.
- Promote applied education and continuing practical training through laboratories, workshops, and technical projects.
- Supporting innovation and technical entrepreneurship and encouraging creative initiatives among students.
- Establishing the principles of professional ethics, social and academic responsibility.

- Building strategic partnerships with academic, industrial, and technical institutions locally and internationally.
- Supporting digital transformation, information security, and community service through sustainable technology solutions.

9.4 Strategic Objectives

- Raising the efficiency of institutional performance to improve the competitive position of the college
- Supporting the building of academic bridges inside and outside the country
- Building effective partnerships with community institutions.
- Creating an attractive and stimulating learning environment for creativity and excellence
- Providing leading academic programs according to comprehensive quality standards.

9.5 Implementation and follow-up

1. Raising the efficiency of institutional performance to improve the competitive position of the college.

Concerned Entity	Dean of the Faculty of Computer Science and Information Technology					
Strategic Issue: Raising the Efficiency of Institutional Performance to Improve the Competitive Situation	Pros: 3-7	Time horizon				
	4	25	26	27	28	29
		100%	%40	Continuous	Continuous	Continuous
Obstacles and Determinants						
1- Weak financial allocations for the development of human resources efficiency2- Lack of creative development programs3- Absence of training systems for employees in the departments and committees of the college4- Absence of incentive systems5- Absence of administrative leadership training programs						
Cucumber	Trained administrative staff, units and committees to prepare advanced training packages					
Programs	**Procedures**					
Leadership Development	Through the preparation of advanced training packages and the experience of university leaders in foreign universities foreign universities foreign universities					

Staffing Development	Scheduling training courses to participate in each according to its competence Identifying the relevant training bodies Developing an effective system for reviewing the performance and achievement of the Deanship and the departments and committees with
Developing Live Language Speaking Skills for Teachers	Organizing courses in coordination with the relevant authorities Preparing a scientific material Scheduling courses throughout the year
Effective and fair appointments	Formation of the Appointments Committee to Determine the Appointment Controls in accordance with the Instructions in Force.

Identifying needs according to controls and with full transparency		
Graduate Competency Monitoring	Forming a committee specialized in developing the student's skills and abilities and preparing them for the labor market through various programs and foreign language courses to improve the graduate's skill needed by the labor market, and the graduate can compete with his peers from other universities for all students Profile Establishing a student database for the purpose of forming an integrated college image and organizing annual meetings with graduates	
Executing Entity	**Executing Entity**	**Executing Entity Follow-up**
Deanship of the College of Computer Science and Information Technology and Heads of Departments	Assistant to the President for Scientific Affairs	− Implementation of approximately % of the incentive system for teachers in the fields of scientific research and teaching. − Completion of a twinning agreement with the University of Karbala - Faculty of Computer Science and Information Technology Department of Cyber Security Formation of committees − quality and fulfillment of its requirements.

2. Supporting the building of academic connections inside and outside the country.

Concerned Entity	Dean of the Faculty of Computer Science and Information Technology					
Strategic Silver Supporting the Building of Academic Bridges of Communication Inside and Outside the Country	Pros: 3-7	Time horizon				
	4	25	26	27	28	29
		100%	%40	Continuous	Continuous	Continuous

Obstacles and Determinants
1- Weak financial allocations for the development of twinning programs2- Weakness in coordination with the relevant authorities in local and foreign universities3- The novelty of the college and the lack of completion of its infrastructures4- The absence of training programs for administrative leaders on the mechanism of communication with universities with international rankings5- The lack of application of the system of living with foreign university leaders in similar colleges

Cucumber	Trained administrative staff, units and committees to communicate with local and international universities

Programs	Procedures
Encouraging departments to communicate and coordinate academically with higher education institutions	Holding workshops and meetings to encourage academic communication. Issuance of a guide to the status of the Baht suitable for local and international academic communication and coordination
Strengthening twinning programs with distinguished international academic institutions	Supporting and supporting the departments towards concluding agreements and memoranda of academic cooperation.

Executing Entity	Follow-up	Indicators of success
Deanship of the College	Assistant to the President for Scientific Affairs	Completion of the College's Twinning GuideConcluding Cooperation Agreements with Local Universities

3. Building effective partnerships with community institutions.

Concerned Entity	Dean of the Faculty of Computer Science and Information Technology					
Building effective partnerships with community institutions	Pros: 3-7	Time horizon				
	4	25	26	27	28	29
		100%	%40	Continuous	Continuous	Continuous
Obstacles and Determinants						

1. Adding to the development of community service within the college
2. Lack of graduate follow-up programs aimed at employing graduates
3. Weakness in concluding agreements with the relevant authorities to employ graduates.
4. Double material support

Cucumber	Training and development units, units and melodies for communicating with community institutions and technical melodies in particular
Programs	Procedures
Encouraging departments to communicate and coordinate academically with community institutions	− Holding workshops and meetings regularly to encourage effective communication. − Issue a procedural manual to develop appropriate mechanisms for local and global communication and coordination.
Developing and supporting the services you provide Community College	− Supporting and supporting the departments towards concluding agreements and memoranda with − Community institutions. − Providing short and distinguished academic programs, consulting and educational services − Various awareness-raising. Community Needs

Develop and strengthen relationships with Alumni	– Creating a database for alumni and challenging it on an ongoing basis and benefiting from it in following up and communicating with alumni. – Organizing periodic meetings with alumni, such as the Sui Alumni Conference. – Encourage continuous communication with community institutions with the aim of creating job opportunities for graduates.
Executing Entity	**Follow-up**	**Indicators of success**
Deanship of the College	Assistant to the President for Scientific Affairs	Setting 100% controls and procedures to support and activate the services provided by the college to students and start coordinating to prepare a plan to train teachers on the techniques of

4. Creating an attractive and stimulating learning environment for creativity and excellence

Concerned Entity	**Dean of the Faculty of Computer Science and Information Technology**				
Strategic Issue: Raising the Efficiency of Institutional Performance to Improve the Competitive Situation	Pros: 3-7	Time horizon			
	4	25	26	27	28	29
		100%	%40	Continuous	Continuous	Continuous

Obstacles and Determinants
1- Lack of an incentive system related to achievement and excellence for faculty members 2- Lack of adoption of departmental support standards with faculty members from all disciplines 3- Lack of improvement in the level of student services 4- Failure to provide all the college's infrastructure needs
Cucumber	Attracting distinguished competencies from the faculty members, and using the university's Distinguished Talent Recruitment Unit for this purpose, while developing a strategy to retain distinguished faculty members.

Programs	Procedures
Developing the teaching staff To meet the needs of academic programs	- Promoting an incentive system related to achievement and excellence for faculty members. - Adopting standards to support departments with distinguished faculty members in all disciplines. - Develop a system for evaluating accountability for the educational process of faculty members.
Providing means and resources of teaching and learning in accordance with modern technological developments.	- Providing smart halls in line with the modern educational process to achieve the goals of modern academic programs. - The members of the TDS Commission study on the use of modern educational technologies
Improving the level of student services	- Developing counseling programs to help academically struggling students. - Creating support programs to support students with special needs. - Creating enrichment programs for outstanding and creative students - Develop and improve the level of extracurricular activities.

Executing Entity	Follow-up	Indicators of success
Deanship of the College	Assistant to the President for Scientific Affairs Assistant to the President for Administrative Affairs	10% Completion of the development of controls and procedures to organize and activate the services provided by the college to the community Start coordination to prepare a plan to prepare for meetings for graduates of the fourth year

5. Providing leading academic programs according to total quality standards.

Concerned Entity	Dean of the Faculty of Computer Science and Information Technology					
Delivering leading academic programs According to Total Quality Standards	Pros: 3-7	Time horizon				
	4	25	26	27	28	29
		100%	%40	Continuous	Continuous	Continuous
Obstacles and Determinants						

Failure to develop curricula to suit the current needs of the community
Disproportionate academic accreditation standards to the needs of society and the labor market
Weak mechanism for measuring the level of performance of graduates and the level of satisfaction of employers

Cucumber	Comprehensive development of study plans for all programs in accordance with academic and international accreditation standards Activation of the Quality Assurance Unit in the College
Programs	**Procedures**
Developing study programs to keep pace with the current and future needs of the community	- Identify a clear mechanism to measure the extent of destruction mitigation and outputs. Expected for academic programs. - Emphasizing the role of the public and private sectors in the development of academic programs
Ensuring the application of quality standards and academic accreditation in academic programs.	- Identify a mechanism to measure the level of performance of graduates and the level of employers' satisfaction. - Setting standards for evaluating the performance of departments annually
Proposing innovative academic programs at the college.	- Narahah launched a creative academy. - View the programs of the corresponding colleges.

Executing Entity	**Follow-up**	**Indicators of success**
Deanship of the College Quality Assurance Unit	Assistant President for Scientific Affairs	40% of the study programs in the The College to Keep Up with the Community Needs in the Second Year of the Plan Forming a Committee to Follow Up on Employers' Satisfaction with Graduates Annually Forming a Quality Assurance Unit

Writing the academic guide:

Preparation	Name	e-mail
Supervision and Follow-up	Prof. Dr. Haider Mohammed Ali Al-Ghanimi	hayder.alghanami@uowa.edu.iq
Report Preparation	Assistant Lecturer Karar Sadiq Mohsen	karar.sadeq@uowa.edu.iq
	Teaching Assistant Zahraa Fadhil Sayigh	zahraa.fadhil@uowa.edu.iq

Dean's approval