



College of Engineering and Architecture

# Strategic Plan of The College of Engineering and Architecture

2022-2027

# Strategic Plan

## College of Engineering and architecture

### 2022 – 2027

1. Current and Future Analysis (SWOT Analysis)
2. 5. Formulation of vision, mission, and values.
3. Strategic objectives
4. key performance indicators
5. Formulate projects/programs to achieve each strategic objective
6. Create a plan for each project/program and identify a coordinator

\* Translated from Arabic, 2025.

## Preface

The College of Islamic Engineering and Architecture was established through the opening of the Department of Islamic Architecture in 1402AH, under the umbrella of the College of Applied and Engineering Sciences, as the first department in the system of engineering departments that formed the starting point for this entity in its current state. After that, the opening of the other three departments proceeded successively, starting with the Department of Electrical Engineering, Computing, and then Civil Engineering, and the contract was completed with the establishment of the Mechanical Engineering Department.

The four departments became the nucleus of the Faculty of Islamic Engineering and Architecture, which the Custodian of the Two Holy Mosques ordered to be established in 1409AH to begin a new phase of giving under an independent entity. As part of the general trend in the separation of disciplines and taking into account the labor market in the outputs of the college, the High Commissioner approved the separation of the specialization of computer engineering from the Department of Electrical and Computer Engineering to become the Department of Computer Engineering as of 1421AH.

In the academic year 1431/1432 AH, the college obtained the American international academic accreditation "abet" for the departments of civil engineering, mechanical engineering and electrical engineering, and the accreditation for these departments was renewed in the academic year 1439/1440 AH. In the academic year 1438/1439 AH, the Department of Islamic Architecture obtained the German International Academic Accreditation "ASIN".

## (SWOT) Analysis

Strengths	Weaknesses
<ul style="list-style-type: none"> <li><input type="checkbox"/> All academic programs in the college have obtained international academic accreditation.</li> <li><input type="checkbox"/> Availability of good facilities and sufficient workspace.</li> <li><input type="checkbox"/> Academic programs compatible with the needs of the labor market and development requirements.</li> <li><input type="checkbox"/> The excellence of the faculty and the diversity of their specialties.</li> <li><input type="checkbox"/> Availability of educational laboratories equipped for students' use.</li> <li><input type="checkbox"/> The existence of the graduate unit in the college.</li> <li><input type="checkbox"/> The existence of the Voluntary Work Unit in the college.</li> <li><input type="checkbox"/> The existence of a quality unit in the college.</li> <li><input type="checkbox"/> The presence of the Engineering and Architecture Club.</li> <li><input type="checkbox"/> Excellence in scientific publishing and patents</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Limited research laboratories.</li> <li><input type="checkbox"/> Maintenance of laboratory equipment.</li> <li><input type="checkbox"/> Lack of qualified administrative and technical staff.</li> <li><input type="checkbox"/> Lack of some specific disciplines for faculty members.</li> <li><input type="checkbox"/> Loss of qualified talent to the private sector.</li> <li><input type="checkbox"/> Lack of flexibility and independence in financial disbursement on the requirements of the college and its academic departments.</li> <li><input type="checkbox"/> Increasing the number of students compared to faculty members and international standards.</li> <li><input type="checkbox"/> Limited opportunities for summer /cooperative training for college students.</li> <li><input type="checkbox"/> There is no partition for female students.</li> <li><input type="checkbox"/> Limitations in attracting and renewing faculty contracts based on standards that do not belong to the Faculty of Engineering</li> <li><input type="checkbox"/> Postgraduate Programs</li> </ul>

Opportunities	Challenges
<ul style="list-style-type: none"> <li><input type="checkbox"/> The distinguished location of the university.</li> <li><input type="checkbox"/> Investing the facilities and resources of the college assets.</li> <li><input type="checkbox"/> The need for the labor market for academic disciplines in the college.</li> <li><input type="checkbox"/> The high demand for consulting services for all disciplines in the college.</li> <li><input type="checkbox"/> The rich field of research and study to serve the needs of the pilgrims</li> <li><input type="checkbox"/> Availability of mechanisms for exploiting research products such as incubators and research centers of excellence.</li> <li><input type="checkbox"/> Programmatic Transformation.</li> <li><input type="checkbox"/> The new universities regulation.</li> <li><input type="checkbox"/> The desired transformation in the Kingdom towards the knowledge economy.</li> <li><input type="checkbox"/> Attracting talented students from public education.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Procedures for working at the university, especially with regard to financial resources.</li> <li><input type="checkbox"/> Achieving outstanding communication that connects graduates and employers with the college.</li> <li><input type="checkbox"/> Preparing a system for evaluation and follow-up in accordance with international standards.</li> <li><input type="checkbox"/> Achieving scientific communication between the different disciplines in the college.</li> <li><input type="checkbox"/> Reaching job satisfaction and teamwork among all college employees.</li> <li><input type="checkbox"/> Developing the capabilities and skills of faculty members and improving their performance.</li> <li><input type="checkbox"/> The existence of differentiated studies for the needs of the labor market.</li> </ul>

# Vision, Mission and Values of the UQU

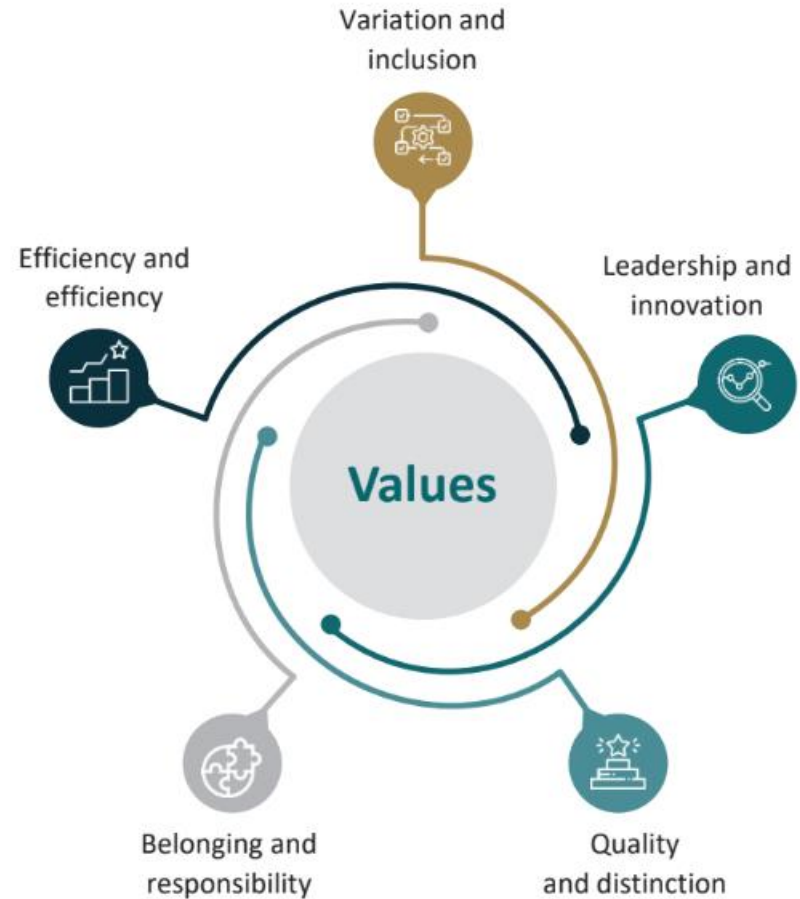
## Vision

An educational environment with international standards, attractive to distinguished students and scientists



## Mission

Distinction in education, research and innovation to develop the knowledge economy and serve the community based on our status as the heart of the Arab and Islamic worlds



## Vision, Mission and Values of the College

### Vision

Leadership in engineering and architecture education and scientific



### Mission

Preparing distinguished graduates to work locally and internationally, and provide research and innovations, to contribute to the development of the knowledge economy and community service.



Cooperation and Teamwork

Honesty and Integrity



Competence and Effectiveness



Values

Responsibility and Transparency



Quality and Excellence



### Previous Vision

"Excellence locally and regionally in providing innovative engineering education and high-quality basic and applied research that contributes to entrepreneurship, community service and development"

### The New Vision

"Leadership in Engineering and Architectural Education and Scientific Research"

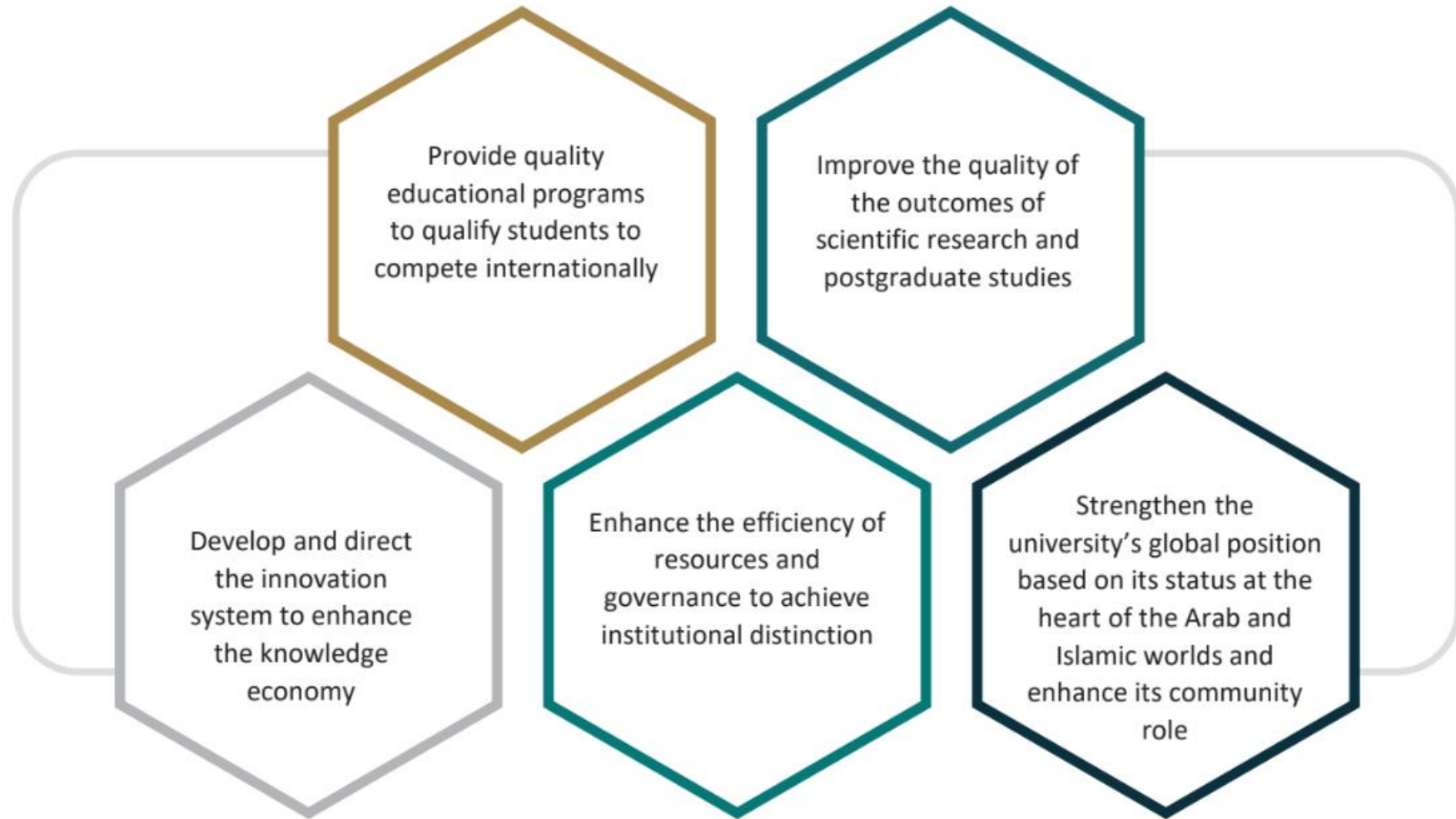
### Previous Mission

"Graduating talented engineers and architects with a broad education and professional skills, and have the ability to conduct high-quality research and explore innovative technical solutions to serve the community, promote Islamic values and develop the knowledge economy in line with the mission of the university and Vision 2030"

### The New Mission

" Preparing distinguished graduates to work locally and internationally and provide research and innovation to contribute to the development of the knowledge economy and community service. "

## UQU-Strategic Objectives



## New Strategic Objectives of the College

1. Provide high-quality quality education	2. Improving scientific research and innovation	3. Promote community service and sustainable development	4. Consolidate and improve resources and governance
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## Strategic Objectives Consistency

College Strategic Objectives	1. Provide high-quality quality education	2. Improving scientific research and innovation	3. Promote community service and sustainable development	4. Consolidate and improve resources and governance
<b>Umm Al-Qura University Strategic Objectives</b>	1. Developing quality educational programs to prepare a globally competitive student.	2. Improving the quality of scientific research outputs. 3. Developing the innovation system and directing it to enhance the knowledge economy.	5. Enhancing the status of the university globally with its Arab and Islamic depth and activating its societal role.	4. Raising the efficiency of resources and governance to achieve excellence in institutional work

<b>MOE Strategic Objectives</b>	<p>2. Improving learning outcomes and improving the location of the educational system globally.</p> <p>3. Developing the education system to meet the requirements of development and the needs of the labor market.</p>	<p>4. Developing and developing the capabilities of educational staff.</p> <p>8. Raising the quality and effectiveness of scientific research and innovation.</p> <p>9. Developing the system of universities and educational and training institutions.</p>	<p>1. Promote values and national belonging.</p> <p>5. Promote community participation in teaching and learning.</p>	<p>7. Empowering the non-profit private sector and raising their participation to improve the financial efficiency of the education sector.</p>
<b>VISION 2030, Overarching Objectives</b>	<p>Increase employment</p>	<p>Grow &amp; diversify the economy</p> <p>Increase employment</p>	<p>1 Promote Islamic values and national identity</p> <p>6 Enable social responsibility</p>	<p>1 Promote Islamic values and national identity</p> <p>2 Offer a fulfilling &amp; healthy life</p> <p>3. Enhance governance effectiveness.</p>

## College of Engineering and Architecture Objectives

The College of Engineering and Architecture grounds its ultimate objectives in principles inspired by our noble religion, which encourages the pursuit of knowledge and productive work, fostering intellectual and moral development for both individuals and the nation. A society guided by Islam as an approach, philosophy, and worldview is better positioned to cultivate growth, promote good deeds, and achieve prosperity.

Foremost among the college's goals is preparing a highly qualified generation of Saudi specialists in all engineering fields, capable of keeping pace with the ever-growing body of global knowledge. This mission aligns with Islamic principles and teachings while equipping students with science and technology, so they are ready to assume the responsibility of building both our homeland and the broader Islamic nation.

The college also seeks to equip students with essential skills in the fundamental engineering sciences, refine their practical abilities, and enhance their competitiveness in the labor market. Furthermore, as part of the network of engineering colleges in Saudi universities, it plays a vital role in meeting the national demand for Saudi engineers in line with the Kingdom's developmental plans. In fulfilling these objectives, the UQU College of Engineering and Architecture spares no effort to deliver outstanding educational and professional outcomes and to graduate engineers who take pride in serving their religion, king, and country.

## Key Performance Indicators (KPIs)

Strategic Objectives	Indicators
<b>1. Provide high-quality education</b>	<ul style="list-style-type: none"><li>• Number of updated undergraduate programs</li><li>• Number of updated postgraduate programs</li><li>• Number of students</li><li>• Student performance rate</li><li>• Success rate</li><li>• Graduation rate</li><li>• Employment rate</li><li>• Stakeholder satisfaction level</li><li>• Percentage of completed quality files</li><li>• Percentage of courses applying unified exams</li><li>• Number of graduation projects</li><li>• Number of multidisciplinary graduation projects</li></ul>
<b>2. Improve scientific research and innovation</b>	<ul style="list-style-type: none"><li>• Number of updated postgraduate programs</li><li>• Stakeholder satisfaction level</li><li>• Number of published scientific articles</li><li>• Number of research papers presented at conferences</li><li>• Number of research citations</li><li>• Number of active research groups</li><li>• Percentage of participants in research groups</li></ul>

Strategic Objectives	Indicators
	<ul style="list-style-type: none"> <li>• Number of scientific meetings</li> <li>• Number of theses/dissertations</li> </ul>
<b>3. Enhance community service and sustainable development</b>	<ul style="list-style-type: none"> <li>• Number of volunteer programs</li> <li>• Number of participants in volunteer activities</li> <li>• Number of volunteer hours</li> <li>• Number of training opportunities for students</li> <li>• Number of community service projects</li> <li>• Number of joint cooperation projects</li> <li>• Number of participants in cooperation with the industrial sector</li> </ul>
<b>4. Strengthen and improve resources and governance</b>	<ul style="list-style-type: none"> <li>• Faculty members' efficiency</li> <li>• Number of staff and technicians</li> <li>• Laboratory and classroom equipment</li> <li>• Faculty-to-student ratio</li> <li>• Number of departments and programs</li> <li>• Number of human resources</li> <li>• Number of programs and training courses</li> <li>• Number of spaces/facilities</li> <li>• Space utilization rate</li> <li>• Percentage of completed laboratory files</li> <li>• Percentage of availability of safety and security equipment</li> </ul>

## Proposed projects/programs to achieve strategic objectives

Strategic Objectives	Strategic Track	Projects / Programs
<b>1. Provide high-quality education</b>	Teaching and Learning	1-1 Develop undergraduate curricula. 1-2 Academic accreditation. 1-3 Evaluate the quality of the educational process.
<b>2. Improve scientific research and innovation</b>	Scientific Research & Innovation	2-1 Develop master's curricula. 2-2 Encourage research groups. 2-3 Activate scientific seminars within the college. 2-4 Organize international conferences and scientific symposia.
<b>3. Enhance community service and sustainable development</b>	Community Service	3-1 Promote volunteer work. 3-2 Strengthen cooperation with industry.
<b>4. Strengthen and improve resources and governance</b>	Resources & Governance	4-1 Develop college staff. 4-2 Upgrade laboratory systems. 4-3 Improve the college's internal environmental spaces.

## Development of Undergraduate Study Plans - Project Card

<b>Strategic Objective</b>	<b>1- Providing high-quality quality education</b>	<b>Path</b>	<b>TEACHING AND LEARNING</b>
<b>Project Name</b>	<b>1-1 Developing study plans for the bachelor stage</b>		
<b>About the Project</b>	The project aims to deliver leading educational programs aligned with comprehensive quality standards, the Kingdom's Vision 2030, and national development needs. It also seeks to foster students' creativity and innovation, enhance the quality of the college's academic programs, and strengthen its competitiveness.		
<b>Project coordinator</b>		<b>Project Duration</b>	(12 Months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Improving education quality</li> <li>2. Qualifying students for the labor market.</li> <li>3. Scientific and technological developments:</li> <li>4. Academic Competitiveness.</li> <li>5. -Strengthening trends</li> </ol>	<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Upgraded Academic Programs</li> <li>2. Qualified Graduates</li> <li>3. Effective recruitment.</li> </ol>
<b>Scope of Work</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Developing academic programs for all academic departments in the college.</li> <li><input type="checkbox"/> Meet quality standards, development requirements and labor market needs.</li> </ul>	<b>Performance Indicators</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Number of updated educational programs.</li> <li><input type="checkbox"/> To the satisfaction of stakeholders.</li> </ul>

## Academic Accreditation Project Card

<b>Strategic Objective</b>	<b>1- Providing high-quality quality education</b>	<b>Path</b>	<b>TEACHING AND LEARNING</b>
<b>Project Name</b>	<b>1-2 Academic Accreditation</b>		
<b>About the Project</b>	Academic accreditation is essential to verify that programs meet international standards and requirements in the fields of engineering and architecture. Accreditation is granted by respected and recognized academic bodies and institutions.		
<b>Project coordinator</b>		<b>Project Duration</b>	(12–18 months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Ensuring educational quality:</li> <li>2. Formal recognition of academic programs.</li> <li>3. Improved employability</li> <li>4. Communication and exchange between the corresponding programs.</li> <li>5. Connecting with the Community</li> </ol>	<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Accredited Academic Programs</li> <li>2. Qualified Graduates</li> <li>3. Effective Recruitment</li> </ol>
<b>Scope of Work</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Developing academic programs for all departments in the college.</li> <li><input type="checkbox"/> Meet quality standards, academic accreditation, development requirements and labor market needs.</li> </ul>	<b>Performance Indicators</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Students' performance.</li> <li><input type="checkbox"/> Job rate</li> <li><input type="checkbox"/> Stakeholders</li> </ul>

## Project Card for Assessing the Quality of the Educational Process

<b>Strategic Objective</b>	<b>1- Providing high-quality quality education</b>	<b>Path</b>	<b>TEACHING AND LEARNING</b>
<b>Project Name</b>	<b>1-3 Evaluating and developing the quality of the educational process</b>		
<b>About the Project</b>	Evaluating and enhancing all aspects of the educational process—including study plan implementation, teaching, assessments, end-of-program exams, graduation projects, and summer/cooperative training—is essential for engineering programs to ensure high-quality education, improve learning outcomes, and effectively prepare students for their future careers.		
<b>Project coordinator</b>		<b>Project Duration</b>	(6–9 months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Improve the quality of course outputs and ensure fairness and objectivity.</li> <li>2. Improving the quality of teaching</li> <li>3. Upgrading the educational environment.</li> <li>4. Improving the quality of education and academic excellence.</li> <li>5. Upgrading the quality of graduation projects and summer/cooperative training.</li> </ol>	<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Procedural guides for assessing the quality of the educational process.</li> <li>2. Assessment Results</li> <li>3. Feedback</li> </ol>
<b>Scope of Work</b>	<input type="checkbox"/> Mechanism of application of study plans.	<b>Performance Indicators</b>	<input type="checkbox"/> API Success Rate <input type="checkbox"/> Failure rate

	<ul style="list-style-type: none"> <li><input type="checkbox"/> Graduation Projects</li> <li><input type="checkbox"/> Evaluation and assessment work</li> <li><input type="checkbox"/> Teaching</li> <li><input type="checkbox"/> Academic Counselling</li> <li><input type="checkbox"/> Summer training</li> <li><input type="checkbox"/> End of Program Test</li> </ul>		<ul style="list-style-type: none"> <li><input type="checkbox"/> The extent of students' satisfaction.</li> <li><input type="checkbox"/> Percentage of courses in which standardized tests are applied.</li> <li><input type="checkbox"/> Number of graduation projects with multiple orientations.</li> <li><input type="checkbox"/> Training entities</li> </ul>
<b>EXECUTORY PROCEEDING</b>	<ol style="list-style-type: none"> <li>1. Evaluate the quality of course outcomes and ensure fairness and objectivity.</li> <li>2. Evaluate the quality of teaching.</li> <li>3. Evaluate the educational environment.</li> <li>4. Ensure the quality of education and academic excellence.</li> <li>5. Ensure the quality of graduation projects and summer/co-operative training.</li> </ol>	<b>Risk and Mitigation Options</b>	N/A

## Project Card for the Development of Master's Study Plans

<b>Strategic Objective</b>	<b>2- Improving scientific research and innovation</b>	<b>Path</b>	<b>Scientific Research and Innovation Track</b>
<b>Project Name</b>	<b>2-1 Development of study plans for the master's stage</b>		
<b>About the Project</b>	The project aims to deliver high-quality master's programs in alignment with comprehensive quality standards, the Kingdom's Vision 2030, and development needs. It also seeks to foster students' creativity and innovation, enhance the quality of the college's academic programs, and strengthen its competitiveness.		
<b>Project coordinator</b>		<b>Project Duration</b>	(9–12 months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Improving education quality</li> <li>2. Qualifying students for the labor market.</li> <li>3. Scientific and technological developments:</li> <li>4. Academic Competitiveness.</li> <li>6. -Strengthening trends</li> </ol>	<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Upgraded Academic Programs</li> <li>2. Qualified Graduates</li> <li>3. Effective recruitment.</li> </ol>
<b>Scope of Work</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Developing academic programs for all departments in the college.</li> <li><input type="checkbox"/> Meet quality standards, development requirements and labor market needs.</li> </ul>	<b>Performance Indicators</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Number of updated educational programs.</li> <li><input type="checkbox"/> Stakeholders.</li> </ul>

## Research Groups Encouragement Project Card

<b>Strategic Objective</b>	<b>2- Improving scientific research and innovation</b>	<b>Path</b>	<b>Scientific Research and Innovation Track</b>
<b>Project Name</b>	<b>2.2 Encourage research groups</b>		
<b>About the Project</b>	Supporting the activities of research groups across the college's academic departments fosters scientific research and innovation. These groups also strengthen collaboration and interdependence among faculty members.		
<b>Project coordinator</b>		<b>Project Duration</b>	(12 months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Increasing the volume of scientific research in the college.</li> <li>2. Improving the efficiency of research output.</li> <li>3. Foster Collaboration and Partnerships</li> <li>4. Marketing research outputs and innovations.</li> <li>5. Contribute to our community</li> <li>6. Contributing to the upgrading of the university's classification.</li> </ol>	<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Strengthening the work of research groups and innovations</li> <li>2. Producing high quality scientific research</li> </ol>
<b>Scope of Work</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Promoting research collaboration</li> <li><input type="checkbox"/> Published scientific research:</li> <li><input type="checkbox"/> Development in research skills.</li> </ul>	<b>Performance Indicators</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Number of effective research groups.</li> </ul>

	<ul style="list-style-type: none"><li><input type="checkbox"/> Linking research outputs to national trends.</li><li><input type="checkbox"/> Professional improvement</li></ul>		<ul style="list-style-type: none"><li><input type="checkbox"/> Percentage of participants in local and international research groups.</li><li><input type="checkbox"/> Number of published scientific articles and innovations.</li><li><input type="checkbox"/> Number of papers presented at conferences.</li><li><input type="checkbox"/> Number of research citations.</li></ul>
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## Project card for activating scientific meetings (Seminar)

<b>Strategic Objective</b>	<b>2- Improving scientific research and innovation</b>	<b>Path</b>	<b>Scientific Research and Innovation Track</b>
<b>Project Name</b>	<b>2-3 Activating scientific meetings and lectures (Seminar). Within the college and departments</b>		
<b>About the Project</b>	Organizing scientific meetings and seminars within the college and academic departments strengthens collaboration among faculty members, enhances learning, facilitates knowledge transfer, and promotes scientific communication and cooperation between faculty and students, contributing to the advancement of both academic and research activities.		
<b>Project coordinator</b>		<b>Project Duration</b>	(6 Months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Exchange of modern knowledge and ideas in research fields.</li> <li>2. Expanding the scientific network of researchers.</li> <li>3. Developing scientific skills</li> <li>4. Motivating and inspiring</li> <li>5. Awareness-raising</li> </ol>	<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Stimulating scientific environment</li> <li>2. Increased knowledge</li> <li>3. Sharing of experiences</li> <li>4. Promote scientific collaboration</li> </ol>
<b>Scope of Work</b>	<input type="checkbox"/> Scientific Meetings: <input type="checkbox"/> Lectures (Seminar).	<b>Performance Indicators</b>	<input type="checkbox"/> No. Of Respondents <input type="checkbox"/> Scientific Meetings: <input type="checkbox"/> Satisfaction level

## Project card for holding global conferences and scientific seminars

<b>Strategic Objective</b>	<b>2- Improving scientific research and innovation</b>	<b>Path</b>	<b>Scientific Research and Innovation Track</b>
<b>Project Name</b>	<b>2-4 Holding international conferences and scientific seminars</b>		
<b>About the Project</b>	Organizing international conferences and scientific seminars at the college is an important strategy for promoting scientific communication and knowledge exchange in engineering. These events provide researchers and academics with opportunities to present the latest research and advancements across various engineering fields.		
<b>Project coordinator</b>		<b>Project Duration</b>	(6–9 months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Knowledge Sharing</li> <li>2. Build strong professional relationships and expand the network of professional relationships.</li> <li>3. Raising awareness of engineering fields and the latest developments.</li> <li>4. Promoting scientific research.</li> <li>5. Promoting the university and college.</li> </ol>	<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Increasing the scientific dissemination of faculty members</li> <li>2. Scientific addition in specialized fields</li> <li>3. Developing scientific solutions to real-world problems</li> </ol>

<b>Scope of Work</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Published scientific papers and research papers.</li><li><input type="checkbox"/> Professional development in research skills.</li><li><input type="checkbox"/> Infrastructure provision</li></ul>	<b>Performance Indicators</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Number of participants in the events.</li><li><input type="checkbox"/> Number of posts published</li><li><input type="checkbox"/> The level of satisfaction of the participants.</li></ul>
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## Project Card for Promoting Volunteer Work

<b>Strategic Objective</b>	<b>3. Promoting community service and sustainable development</b>	<b>Path</b>	<b>Community Service</b>
<b>Project Name</b>	<b>Promoting the spirit of volunteerism:</b>		
<b>About the Project</b>	Volunteering supports the development of students and faculty members, enhancing their community engagement and sense of responsibility, while positively impacting the surrounding community and addressing its challenges. It provides valuable opportunities for learning and personal growth and helps cultivate a generation of young people committed to driving positive changes in society.		
<b>Project coordinator</b>		<b>Project Duration</b>	(6 months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Motivating students and employees to serve the community</li> <li>2. Promoting awareness of social, environmental and cultural issues.</li> <li>3. Employing engineering and architectural sciences to serve the community</li> <li>4. Organizing volunteer work to serve the community</li> </ol>	<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Developing skills and expertise and gaining valuable experience.</li> <li>2. Strengthening the links and relationships between the college and the community.</li> <li>3. Expanding the social and professional network.</li> </ol>

<b>Scope of Work</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Awareness and education</li><li><input type="checkbox"/> Organizing social events.</li><li><input type="checkbox"/> Contribute to environmental conservation campaigns.</li><li><input type="checkbox"/> Volunteerism</li></ul>	<b>Performance Indicators</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Number of participants (students/ faculty/staff) in volunteer work.</li><li><input type="checkbox"/> Number of volunteer hours.</li></ul>
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## Project card for strengthening cooperation with industry

<b>Strategic Objective</b>	<b>3. Promoting community service and sustainable development</b>	<b>Path</b>	<b>Community Service</b>
<b>Project Name</b>	<b>3.2 Enhancing cooperation with industry</b>		
<b>About the Project</b>	Strengthening collaboration between the College and industry in the Makkah Region benefits both parties. It enhances student training and creates greater opportunities for scientific research, innovation, and development in related fields		
<b>Project coordinator</b>		<b>Project Duration</b>	(6–9 months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Build strong professional relationships and expand the network of professional relationships.</li> <li>2. Enhancing training opportunities for students.</li> <li>3. Improving employability</li> <li>4. Promoting the university and college.</li> </ol>	<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Developing the skills and scientific capabilities of faculty members and students.</li> <li>2. Community Development</li> </ol>

<b>Scope of Work</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Graduation, research and development projects.</li><li><input type="checkbox"/> Summer training</li><li><input type="checkbox"/> Engineering consultancy</li><li><input type="checkbox"/> Lectures and seminars.</li></ul>	<b>Performance Indicators</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Number of training opportunities for students.</li><li><input type="checkbox"/> Number of cooperation projects.</li><li><input type="checkbox"/> Number of participants in cooperation with the industry sector.</li><li><input type="checkbox"/> Level of participant satisfaction;</li></ul>
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## Project card for the development of college employees

<b>Strategic Objective</b>	<b>4. Consolidate and improve resources and governance</b>	<b>Path</b>	<b>Resource and Governance Pathway</b>
<b>Project Name</b>	<b>4-1 Developing the staff of the college</b>		
<b>About the Project</b>	<p>Developing the college’s faculty and staff—including faculty members, administrative staff, and technicians—is essential to achieving academic and professional excellence. This development enhances the quality of education, promotes scientific research, improves practical skills, and strengthens industry engagement. It also contributes to better student employment opportunities and supports the overall development of society in the engineering and technology sectors.</p>		
<b>Project coordinator</b>		<b>Project Duration</b>	(6 months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Improving education quality</li> <li>2. Developing the skills of faculty, staff and technicians.</li> <li>3. Promote professional and personal development.</li> </ol>	<b>Project Outputs</b>	1. Promote confidence and job satisfaction.
<b>Scope of Work</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Strengthen upskilling programs</li> <li><input type="checkbox"/> Performance appraisal and self-development.</li> <li><input type="checkbox"/> Training and workshops.</li> </ul>	<b>Performance Indicators</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Number of training courses</li> <li><input type="checkbox"/> Percentage of staff participation in training programs, workshops and professional courses.</li> </ul>

			<input type="checkbox"/> Satisfaction of students, faculty, technicians and staff.
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## Project card for the development of the internal environment spaces of the college

<b>Strategic Objective</b>	<b>4. Consolidate and improve resources and governance</b>	<b>Path</b>	<b>Resource and Governance Pathway</b>
<b>Project Name</b>	<b>4-2 Developing the internal environment spaces of the college</b>		
<b>About the Project</b>	Developing the college's indoor environment spaces has significant benefits for students, enhancing their creativity and promoting social interaction and collaborative learning. It also enriches the overall educational experience by fostering greater engagement in both academic and social activities.		
<b>Project coordinator</b>		<b>Project Duration</b>	(6–8 months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Enhanced learning and replication of effective</li> <li>2. Promote creativity and innovation</li> <li>3. Promoting the comfort and mental health of students.</li> <li>4. Promote social interaction and collaborative learning.</li> <li>5. Promote university affiliation and identity.</li> </ol>	<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Indoor environment spaces that meet the needs of the student</li> </ol>

<b>Scope of Work</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Improving the interior design of the interior spaces of the college.</li><li><input type="checkbox"/> Provide spaces for collaboration and teamwork.</li><li><input type="checkbox"/> Provide spaces for rest and relaxation.</li><li><input type="checkbox"/> Modernization of technological equipment.</li></ul>	<b>Performance Indicators</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Number of voids developed.</li><li><input type="checkbox"/> Satisfaction of students and faculty members.</li></ul>
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## Project card for the development of the laboratory system

<b>Strategic Objective</b>	<b>4. Consolidate and improve resources and governance</b>	<b>Path</b>	<b>Resource and Governance Pathway</b>
<b>Project Name</b>	<b>4-3 Developing the laboratory system</b>		
<b>About the Project</b>	<p>The project aims to develop the laboratory system to provide an advanced learning environment that supports practical education and scientific research, equipping students with the skills required for modern engineering challenges. It also seeks to promote scientific research and innovation within the laboratories, encouraging both students and faculty members to engage in research activities and develop new technologies. Additionally, the project will establish a monitoring and evaluation system to assess laboratory performance and ensure the quality of services provided.</p>		
<b>Project coordinator</b>		<b>Project Duration</b>	(8–10 months)
<b>Project objectives</b>	<ol style="list-style-type: none"> <li>1. Promote Action Learning</li> <li>2. Enhances scientific research</li> <li>3. Students’ practical skills</li> <li>4. Improving student experience.</li> <li>5. Sustainability of laboratories.</li> </ol>	<b>Project Outputs</b>	1. Sustainable labs.

<b>Scope of Work</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Establish a system for laboratories.</li><li><input type="checkbox"/> Condition of laboratory equipment and fittings.</li><li><input type="checkbox"/> Apparatus and equipment maintenance personnel</li><li><input type="checkbox"/> Laboratory files.</li><li><input type="checkbox"/> Establishing an electronic system for laboratories.</li></ul>	<b>Performance Indicators</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Coefficient utilization rate.</li><li><input type="checkbox"/> The percentage of completion of the coefficient files.</li><li><input type="checkbox"/> Availability of security and safety equipment.</li><li><input type="checkbox"/> Percentage of progress to establish an integrated system for laboratories.</li><li><input type="checkbox"/> Satisfaction of students, faculty and technicians.</li></ul>
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