

Strategic Plan
Deanship of Scientific Research
University of Bisha

(2020-2024 AD)

Dean's Message

The scientific research represents the sophistication of progress and advancement for societies, and accordingly the Deanship of Scientific Research has always sought, from its inception, to strive to advance the university's research system within the framework of the priorities of scientific research in the Kingdom of Saudi Arabia, in a manner that achieves sustainable development and contributes to the activation of the Kingdom's 2030 vision.

The Deanship of Scientific Research at Bisha University worked on drawing the general strategic framework for scientific research at the university through its strategic plan (2020 - 2024 AD) within the framework of the first strategic plan for the University of Bisha (2017-2022 AD) where the research identity of the university was defined on three pillars: The priorities of scientific research in the Kingdom according to Vision 2030, the needs of the surrounding community at the level of Bisha Governorate, the Asir region and the southern region and finally, the human and material capabilities of the university, where the actual internal and external reality of the deanship was monitored, on the basis of which a promising vision was built.

A realistic message, values for guiding basic principles, and well written for four goals, all of which are consistent with the goals of the university. A total of eight strategic initiatives of the Deanship (projects) are involved, in addition to the presence of 13 (thirteen) strategic initiatives at the university level that contribute to achieving these goals, Over the next four years, by Grace of ALLAH, it will be measured with specific twenty (20) performance indicators for the Deanship that included the main performance indicators linked to at the university level.

May ALLAH help and guide.

Dean
Scientific Research
University of Bisha

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Introduction

The concept of scientific research has been linked globally with the progress and advancement of societies, and according to the **7 Ps Model**, it is known that the outputs of scientific research are produced through research **Projects** that are based on good **Planning** in line with general **Policies**, after implementation, the outputs are graded in four stages: Start with the **Publications** as a first output, when scientific research is filled with creativity, the second output **Patents** is produced. Then this creativity is transformed into a physical image of innovations, to show the third output represented in **Prototypes** which in most cases is adopted by various sources of finance and investment to reach the fourth and final stage and these are the **Products** that translate to the slogan "Made in Kingdom of Saudi Arabia". The products play an important role in improving the rates of economic growth, which contributes to the gradual upgrading of societies, beginning with meeting needs and ending with the welfare of society.

In this context, the Deanship of Scientific Research has always endeavored to develop and modernize the infrastructure for scientific research at the University and to put in place the mechanisms to deepen the University's relationship with various sectors and institutions of society, in order to respond to its requirements and to find its needs, and to propose innovative solutions to its problems on the basis of science and technology and by activating the role of research partnerships between them, the society will also benefit from the capabilities and potentials of University employees in various disciplines as well as its various possibilities.

Believing in it, the Deanship of Scientific Research has strived to prepare its strategic plan by focusing on the pillars represented in three main axes, the first is consistency with the priorities of scientific research in the Kingdom according to its ambitious vision for the year 2030 AD, the second is adaptation to meet the needs of the community surrounding the university at different levels, starting from the Bisha governorate (the center) and then to the Asir region and then the southern region, and last but not least according to a conscious study of the potentials and capabilities of the University's employees as well as its various facilities. Then the research directions were developed based on these pillars and in light of a promising strategic vision that guides researchers on their various specializations to achieve sustainable development, solve societal problems and participate in enhancing the capabilities and capacities of national security, accordingly a highly qualified team was formed to build the strategic plan on this solid foundation.

The Deanship of Scientific Research has prepared that documents, outlining the stages of preparing the strategic plan according to the latest scientific methodologies, and that started with the formation of distinguished work teams, through a comprehensive monitoring of the Deanship's situation internally and externally and a good study of its competitive advantages, devoting all human and material capabilities, and the available and expected facilities of the University and the surrounding community, keeping in mind the needs of all beneficiaries, taking into account specific indicators to measure performance (20 sub-performance indicators that interconnected to the main performance indicators of the University's strategic plan (2017-2022 AD)), this led to draw the promising strategic features that ended with the proposal of strategic initiatives targeting the Deanship's activities during the next four years, by the willing of ALLAH.

First: About the Deanship of Scientific Research

1/1 History

The Deanship of Scientific Research was established at the University of Bisha in the year 1436 AH, whereas, a decision was issued to assign its first dean according to administrative decision No. 25663/38/2 dated 6/6/1436 AH. After that, it becomes the reference for managing and organizing research, scientific studies and consulting affairs, and laying the organizing rules, manuals and executive procedures to support scientific research and projects, and developing the research environment in the University.

1/2 Vision

Differentiation in scientific research to advance the University globally in a way that achieves sustainable development and a knowledge base society.

1/3 Mission

The development of a scientific research system for the knowledge industry and the creation of innovative competitive application solutions to achieve sustainable development and serve the knowledge society within the framework of the Kingdom's 2030 vision.

1/4 Values

- Originality
- Innovation
- Professionalism
- Cooperation
- Responsibility
- Credibility

The main goal for the Deanship of Scientific Research is to adopt these values and to emphasize the guiding principles of scientific research, which is to ensure the originality of research ideas and the performance associated with it in pursuit of intellectual creativity that translates into professional innovations based on a methodology of performing objectively and avoiding personal inclination and a tendency to subjectivity, in an atmosphere of teamwork dependent on cooperation to focus on inter-research because it has a positive impact on the various outputs of scientific research in a framework of defining responsibilities while ensuring the protection of intellectual property and activating scientific integrity with credibility, transparency and realism.

1/5 Strategic objectives

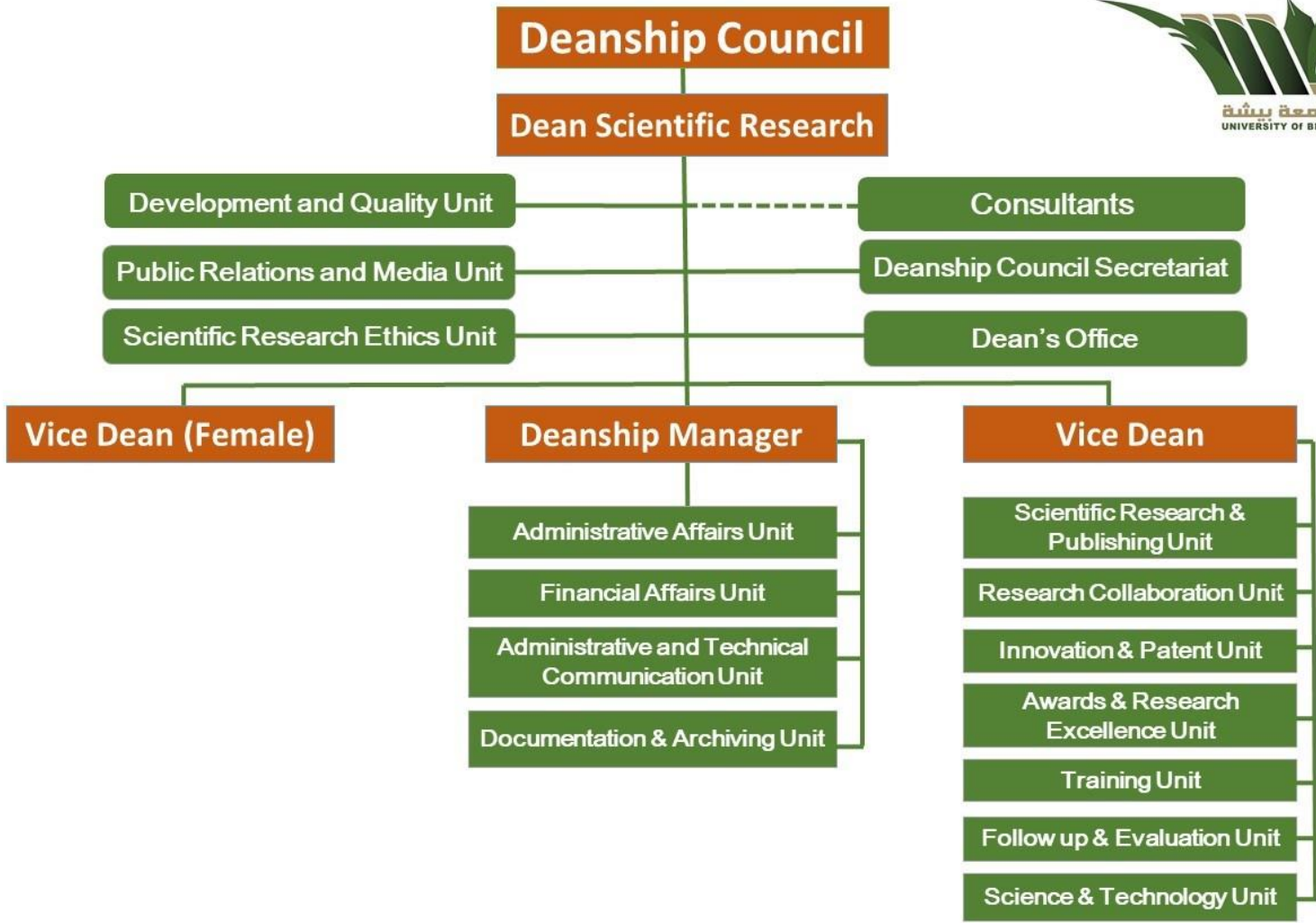
1. To support and develop the scientific research infrastructure in the University by improving the capacity of logistics and human resources. Moreover, for emerging digital, technical, financial and other physical means for scientific research. In addition, to establish and manage the technical research labs in the University to support research in all disciplines.
2. To enhance the research capabilities of researchers through providing an innovative research environment in the University with well-qualified personnel. Furthermore, by offering a competitive environment for researchers and appropriate incentives for research activities such as publishing high-quality journals to motivate the researchers for producing good quality research.
3. To develop and strengthen research collaboration, faculty exchange and training programs with local, regional and international universities and research centers. Also, supporting applicable and relevant sophisticated scientific research projects to enhance the research skills of researchers associated with the University.
4. To contribute in solving the problems related to all disciplines such as agricultural products, engineering, IT, health aspects, water treatment, and desalination via creative scientific techniques and recent advances in applied research approaches at the societal, commercial, industrial levels.

1/6 Activities and Tasks of Scientific Research Deanship - University of Bisha

1. Providing an innovative research environment for researchers from faculty and students.
2. Motivating creative talents to raise the level of scientific research outputs.
3. Improving the quality and quantity of scientific publications.
4. Strengthening the research partnership between the University and society in its various sectors.
5. Accomplishing the concept of integrity and ethics of scientific research.
6. Achieving cooperation and integration between all bodies concerned with scientific research at the University.
7. Activating global partnerships and international cooperation in the field of scientific research.
8. Awareness of various sources of funding for scientific research locally, regionally and globally.
9. Supporting/funding innovative and advanced applied scientific research.
10. Intellectual property protection and procedures for ensuring scientific integrity.



1/7 Organizational Chart for Deanship



Organizational Chart for Deanship of Scientific Research

1/8 Responsibilities and Roles of Scientific Research Dean

According to Article (6) of the Unified Regulations for Scientific Research in Saudi Universities, the Dean of Scientific Research is responsible for managing the financial, administrative and technical affairs related to scientific research in accordance with the applicable laws and regulations, In particular, he has the following Responsibilities and Roles:

- i. Supervising the preparation of the annual research plan for the Deanship, and preparing the draft budget and the necessary reports to present in the Deanship Council for submission to the University higher administration for approval.
- ii. Disbursement from the research budget established within the limits of the delegated financial powers.
- iii. Technical and administrative supervision of the various activities of the Deanship, setting plans and work programs and monitoring their implementation.
- iv. Supervising the work of all research units/authorities associated with the Deanship of Scientific Research, observing their activities and assessing the performance.
- v. Cooperate and coordinate with local research institutes and centers inside and outside the University, and communicate with foreign research institutions and centers for coordination to improve and develop the movement and technology of scientific research at the University.
- vi. Coordination with the Deanship of Graduate Studies in all its matters related to the completion of research for graduate students, and work to provide the potential, facilities and research means to end their research, or scientific theses.
- vii. Permanent follow-up and work to provide the necessary financial resources to spend on research funded from the budget for scientific research or from entities outside the University.
- viii. Contract recommendations to the researchers, employees and technicians for specific periods on the budget of research projects supervised by the Deanship.
- ix. Evaluating the performance of the employees of the Deanship and submitting their periodic reports to the University administration.

1/9 Achievements of Scientific Research Deanship (2015-2019 AD) (1436-1440 AH)

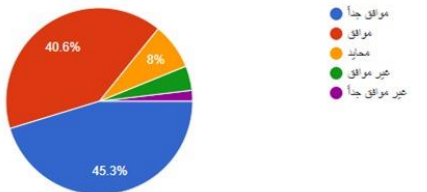
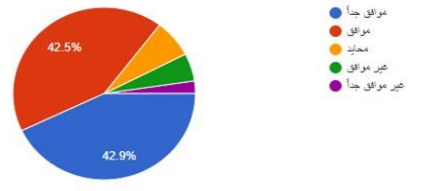
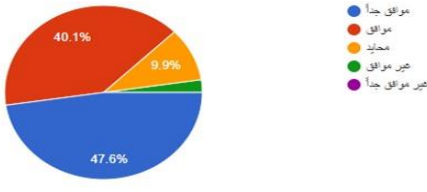
1.	Scientific Papers Published in International Journals	325
2.	Scientific Papers Published in Local Journals	35
3.	Registered Patents	3
4.	Research Projects Funded by the Deanship	43

Second: The methodology of preparing the strategic plan for the Deanship

The strategic plan of the Deanship of Scientific Research included many components like vision, mission, values, strategic goals, future strategies and other ingredients, according to its strategic vision, many goals were formulated and many strategic directions were drawn in the form of strategic initiatives to achieve development goals. The strategic plan included several indicators to measure performance in light of the main performance indicators of the University's strategic plan, the standards of the National Authority for Academic Evaluation and Accreditation were also one of the most important references for this plan.

A poll was taken of a sample representative of all beneficiaries on vision, mission, values, strategic goals, internal strategic factors (strengths and weaknesses) and external factors (opportunities and threats). Accordingly, the various contexts were restored according to the proposals. Table (1) shows the satisfaction rates for these components .

Table (1): Satisfaction Rates with the Strategic Components

Strategic Components	Pie chart	Satisfaction Rates		
		From (5)	Satisfaction (%)	
Vision		4.28	85.60	
Mission		4.27	85.40	
Values		4.39	87.80	
Strategic Objectives	First	4.39	87.70	
	Second	4.48	89.60	
	Third	4.27	85.4	
	Fourth	4.26	85.2	
Strategic Factors	Internal	Strength Points	4.83	96.55
		Weakness Points	3.92	78.43
	External	Opportunities	4.46	89.14

		Threats	4.58	91.51
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2/1 Committees for Preparing the Strategic Plan for the Deanship of Scientific Research

Committees were formed to prepare the strategic plan for the Deanship of Scientific Research headed by the Dean of Scientific Research and explained as follows:

2/1/1 Scientific Research and Innovation Committee

Table (2): Formation of the Committee for Scientific Research and Innovation to Prepare and Supervise the Strategic Plan at the Deanship of Scientific Research for the Academic Year 1440/1441 AH.

S. No.	Name	Administrative position	Role
1	Dr. AbdulRehman Saad Alqahtani	Vice Chancellor for Graduate Studies and Scientific Research	President
2	Dr. Aamir Metrik Syaf	Dean Scientific Research	Member
3	Dr. Mushabab Ayedh Al-Ghamdi	Dean Medicine College	Member
4	Dr. Khaled Ali Abuhasil	Dean Engineering College	Member
5	Dr. Soud Abdullah Al-Ghamdi	Dean Science College	Member
6	Dr. Sumira Salim AlJahni	Dean Home Economics	Member
7	Dr. Fahad Ali Algarni	Dean Computer College	Member
8	Prof. Dr. Hosam Muhammad Safaa	Consultant, Development and Quality Deanship	Member and Secretary
9	Bunder saad Almaawi	Manager Admin. Scientific Research Deanship	Member

2/1/2 Higher Advisory Committee

Table (3): Formation of the Higher Advisory Committee to Prepare the Strategic Plan at the Deanship of Scientific Research for the Academic Year 1440/1441 AD

S. No.	Name	Administrative position	Academic Rank	Role
1	Dr. Aamir Metrik Syaf	Dean Scientific Research	Assistant Professor	President
2	Dr. Mafleh Dakheel Al-Aklabi	Dean of Graduate Studies	Associate Professor	Member
3	Dr. Khaled Abdullah Al-Swat	Dean Scientific Research, Taif University	Associate Professor	Member
4	Dr. Hesham Qasim Fazel	Dean Business College	Associate Professor	Member
5	Prof. Dr. Gamal Abdulla Elbadri	Consultant, Scientific Research Deanship	Professor	Member
6	Dr. Aijaz Rasool Chaudhry	Consultant, Scientific Research Deanship	Assistant Professor	Member
7	Prof. Dr. Hosam Muhammad Safaa	Consultant, Development and Quality Deanship	Professor	Coordinator
8	Bunder saad Almaawi	Manager Admin. Deanship	Employee Admin.	Secretary

2/1/3 Executive Committee

Table (4): Forming the Executive Committee to Prepare the Strategic Plan at the Deanship of Scientific Research for the Academic Year

S. No.	Name	Administrative position	Academic Rank	Role
1	Dr. Aamir Metrik Syaf	Dean Scientific Research	Assistant Professor	President
2	Dr. Khaled Al-Dousari	Dean Research and Consulting Institute	Assistant Professor	Member
3	Dr. Nawal Saad Al-Otaibi	Vice Dean Scientific Research	Assistant Professor	Member
4	Prof. Dr. Hosam Muhammad Safaa	Consultant, Development and Quality Deanship	Professor	Member
5	Prof. Dr. Gamal Abdulla Elbadri	Consultant, Scientific Research Deanship	Professor	Coordinator
6	Dr. Aijaz Rasool Chaudhry	Consultant, Scientific Research Deanship	Assistant Professor	Member
7	Dr. Tarek Aly Abdou	Consultant, Development and Quality Deanship	Assistant Professor	Member
8	Bunder saad Almaawi	Manager Admin. Deanship	Employee Admin.	Secretary

2/1/4 Review Committee

Table (5): Formation of the Audit Committee to Review the Stages, Steps and Document of the Strategic Plan in the Deanship of Scientific Research for the Academic Year 1440/1441 AH

S. No.	Name	Administrative position	Academic Rank	Role
1	Dr. Aamir Metrik Syaf	Dean Scientific Research	Assistant Professor	President
2	Dr. Khaled Abdullah Al-Swat	Dean Scientific Research, Taif University	Associate Professor	Member
3	Prof. Dr. Hosam Muhammad Safaa	Consultant, Development and Quality Deanship	Professor	Member
4	Prof. Dr. Gamal Abdulla Elbadri	Consultant, Scientific Research Deanship	Professor	Member
5	Dr. Aijaz Rasool Chaudhry	Consultant, Scientific Research Deanship	Assistant Professor	Coordinator r
6	Dr. Mahjoob Hussan Hammad	Member College of Science	Associate Professor	Member
7	Dr. Tarek Aly Abdou	Consultant, Development and Quality Deanship	Assistant Professor	Member
8	Dr. Hanan Hussan Al-Ghamdi	Consultant, Development and Quality Deanship	Assistant Professor	Member
9	Bunder saad Almaawi	Manager Admin. Deanship	Employee Admin.	Secretary

2/2 Competitive Advantage

The competitive advantage is considered one of the most important strategic frameworks that help in concluding many achievements through the following:

1. Analyzing aspects of excellence in Deanship and how to capitalize them.
2. Provide specific formulation of competitive advantages by focusing on one or two advantages that achieve the leadership of the Deanship locally and regionally.
3. Determine an effective mechanism for monitoring and evaluating the performance of the Deanship's competitive advantage, while ensuring its effectiveness, leadership, and continuity.

The Deanship of Scientific Research at University of Bisha has many competitive advantages as it has:

- At the level of the Governorates of Bisha, Tathleeth, Balqarn and Namas, qualitative and unique success ingredients.
- At the level of the Asir region, the only corresponding Deanship at King Khalid University in Abha.
- At the level of the southern region, only four corresponding Deanships competed in the Universities of Jazan, Al-Baha, Najran and King Khalid.

The Deanship contributes effectively to the following:

1. Enhancing the various research partnerships with the University, which are linked to the characteristics of the surrounding environment and the nature of economic activity.
2. Helping to develop research performance in various fields, as the region expects more and many research projects.
3. Supporting mutual benefit between the University, investors and businessmen by providing consultations through specialized academic scientific expertise.

2/3 SWOT Analysis

In this stage, the internal and external environmental factors of the Deanship were analyzed, and the following supporting documents were reviewed:

- 1- The Kingdom's Vision 2030.
- 2- Scientific Research Priorities in the Kingdom of Saudi Arabia, Ministry of Education.
- 3- University OF Bisha Strategic Plan 2017-2022.
- 4- The strategic plans of the corresponding scientific research deanships at the following universities:

First, the local universities:

- a. King Saud University.
- b. King Abdul-Aziz University.
- c. King Khalid University.

Second, foreign universities:

- a. The University of Jordan



Figure (1): SWOT Analysis

The study also benefited from studying the general environmental in the context of its external political, economic, social and technological factors that influence the identification of opportunities and challenges in the environment surrounding the Deanship. Then studying the special environmental context (internal environment factors) from beneficiaries, competitors and stakeholders to identify the strengths and weaknesses of Deanship.

In light of the analysis of the internal and external environment, strategic directions, and future areas of work were identified using the SWOT Matrix to link the internal factors of the Deanship of influencing strengths and weaknesses, external factors that include available opportunities and threats that the Deanship may face. To develop appropriate initiatives to invest in strengths and opportunities to overcome weaknesses, and to meet the challenges, and accordingly the Deanship's strategic direction was determined. The results of the analysis were highlighted in the form of the most attractive strategic issues that must be taken into consideration when building strategic directions, as they constitute the main premise for reviewing the vision, mission and defining strategic goals.

Whereas, organizations and entities live in great interaction with the external environment in which they are located. It affects this environment while carrying out its operations, activities and outputs. It is also affected by all material or moral matters that govern the appearances and details of life in this environment. Political stability represents a major goal for all organizations and entities of different activities and in its absence, represents a threat to them. The economic situation represents an important axis that reflects the attractiveness of this environment or vice versa, as well as the social and cultural composition of the society in which the organization lives.

In order for the strategic plan of the Deanship of Scientific Research to be realistic and comprehensive, it must bear in mind these elements and its relationship to the nature of the work of the Deanship. Hence, this item aims to analyze the general environmental context or external factors surrounding Deanship, which covers in general political, economic, social and technical factors, collectively known as “PEST Analysis”. These factors may represent either opportunities to be seized, or threats that must be dealt with in order to confront them, or turn them into opportunities, or - in the least cases - work to neutralize it so that it does not constitute a challenge that threatens the work of the Deanship or impedes its activities.

This is in addition to the special context or internal factors of the Deanship, which includes the beneficiaries, similar entities, and those with a relationship which is known as “Task Environment”. Through an analysis of internal factors, the strengths and weaknesses in the performance of the Deanship in general can be identified, so that when formulating the strategic plan, it is possible to focus on the strengths and activate the return from them. As well as recognizing weaknesses and working to minimize their negative effects.

Table (6): The Internal and External Strategic Factors Environment of the Deanship of Scientific Research

<p style="text-align: center;">Strengths (S)</p> <ol style="list-style-type: none"> 1. There are clear and specific values for the Deanship of Scientific Research at the University of Bisha. 2. Availability of a declared organizational structure approved by the Deanship of Scientific Research Council at University of Bisha. 3. Distinguished experience in managing research projects. 4. The presence of a number of distinguished research cadres. 5. The availability of organizational procedures and job descriptions for all jobs. 6. Multiple leadership style in the Deanship. 	<p style="text-align: center;">Weaknesses (W)</p> <ol style="list-style-type: none"> 1. The weak qualifications of the administrative staff of the Deanship in the field of scientific research. 2. The small number of employees on the administrative staff of the research centers. 3. The lack of a clear strategy for Deanship. 4. The number of research cadres is inconsistent with the required tasks.
<p style="text-align: center;">Opportunities (O)</p> <ol style="list-style-type: none"> 1. The diversity of scientific schools for faculty members. 2. Availability of technical infrastructure at the University. 3. Allocating an excellence award to the University's faculty. 4. The presence of the Saudi Digital Library (SDL). 5. Opportunities available for international cooperation. 6. The existence of a national plan for scientific research. 7. The existence of bodies to support scientific research from outside the University. 8. Scarcity of experienced houses in the southern region and Asir. 9. Availability of local and international scientific conferences. 	<p style="text-align: center;">Threats (T)</p> <ol style="list-style-type: none"> 1. Competition in attracting highly qualified faculty. 2. The limited support for scientific research and the difference in research priorities between the University and supporting bodies. 3. Weak sources of information (libraries). 4. The lack of research assistants. 5. Lack of central laboratories. 6. Weak research incubators. 7. Intense competition between universities in the field of scientific research. 8. Society's weak awareness of the importance of scientific research. 9. The monopoly of the oldest Universities is based on many research opportunities and financial allocations.

2/3/1 Internal Factors Analysis

The assessment of the internal environment aims to know the strengths and weaknesses of the Deanship, with the aim of enhancing the strengths and investing them in taking advantage of opportunities, and filling the gaps in the internal environment through a set of development initiatives that address weaknesses and convert them into strengths.

2/3/1/1 Strengths Analysis

Based on an analysis of the results and information previously reached, through the meetings of the Deanship of Scientific Research and Deanship of Development and Quality, the strengths that need improvement were identified, we analyze it below:

Table (7): Description the Strengths of Internal Factors

Strength (S)	Description and Impact
1. There are clear and specific values for the Deanship of Scientific Research at University of Bisha	There are approved and announced values for the Deanship, and these values have an important role in shaping the behavior of the Deanship's employees, and displaying them with distinguished and distinguished ethics.
2. Distinguished experience in managing research projects	The Deanship has an approved organizational structure from the university's top management and the cupboard can operate in a modern scientific manner.
3. Distinguished experience in managing research projects	The Deanship gained during the past years a distinguished experience in proposing research projects, dealing with researchers, setting standards, regulations, and procedural manuals, which contributed to the success of the initiative to finance development projects for 43 scientific researches.
4. The presence of a number of distinguished research cadres	The University has distinguished research staff who are able to produce outstanding scientific research and can be published in journals with high impact factors.
5. The availability of organizational procedures and job descriptions for all jobs	University of Bisha has expanded since its establishment in preparing organizational guides, including an organizational guide for the Deanship that includes the organizational structure, job description, tasks and roles assigned to each of the Deanship's departments.
6. Multiple leadership style in the Deanship	The availability of a number of leaders headed by His Excellency the Dean, such as Vice Dean and the Vice Dean for Girls section, allows the possibility of multiple leadership styles in line with the requirements of renewed scientific research in accordance with standard standards.

2/3/1/2 Weaknesses Analysis

Based on an analysis of the results and information previously reached, through the meetings of the Deanship of Scientific Research and Deanship of Development and Quality, the weaknesses that need improvement were identified. We review them as follows:

Table (8): Description the Weaknesses of Internal Factors

Weaknesses (W)	Description and Impact
5. The weak qualification of the administrative staff of the Deanship in the field of scientific research	The abilities of the administrative staff in the Deanship are not commensurate with the nature of the research work and the aspirations of the Deanship. Therefore, the weakness of the administrative staff leads to weak will and the inability to interact positively with the surrounding environment, which leads to an inability to deal with problems and changes in the Deanship.
6. The small number of employees in the administrative staff of the research centers	It leads to the accumulation of work, the delay in its completion and the failure to achieve the stated goals, as well as it can lead to indifference to responsibility.
7. The lack of a clear strategy for the Deanship	Lead to administrative confusion and overlapping priorities, which leads to wasted time and financial and human resources and not to urge employees to present innovative ideas
8. The number of research cadres is inconsistent with the required tasks	It leads to the university hindering the production of prestigious scientific research, which leads to a lack of research cooperation and coordination and a weak research information base and weak communication between researchers

To further analyze the elements of the internal environment, the matrix for assessing internal factors is one of the strategic tools that contribute to assessing the most prominent elements of the facility's internal environment, by assessing the most prominent strengths and weaknesses, and determining the extent of their impact on the facility, according to the following:

- Giving a relative weight to each of the strengths and weaknesses (from 10 to 20 elements), according to its importance compared to the rest of the elements, by distributing (100) degrees, representing the total weights of the elements of the internal environment, so that the ratio of each element is a ratio compared to other elements according to its importance.
- Evaluating each element of strength and weakness according to the efficiency of each element of the facility, so that the evaluation is according to the following:
 - Strengths: (Score 3: represents a low level of strength), (Score 4: represents a high level of strength).

- Weaknesses: (Score 1: represents a significant level of weakness), (Score 2: represents a low level of vulnerability).
- Then the weighted evaluation of each component is determined by multiplying the weight of the element by the general rating given to it.
- The weighted total evaluation is produced by adding the weighted evaluation for each component according to the following:
 - Weighted total score > 2.5 internal total status is strong.
 - Weighted total score < 2.5 internal total position poor.
 - The result of the general evaluation of the internal environment of the Deanship was as follows:

Table (9): Matrix Analysis of Internal Strategic Factors of the Deanship of Scientific Research - University of Bisha

Sr. No.	Strengths (S)	Items Evaluation	Items Weightage %	Weighted Evaluation
1.	There are clear and specific values for the Deanship of Scientific Research at University of Bisha	3.400	16.843	0.573
2.	Availability of a declared organizational structure approved by the Deanship of Scientific Research Council at University of Bisha	3.373	16.709	0.564
3.	Distinguished experience in managing research projects	3.362	16.652	0.56
4.	The presence of a number of distinguished research cadres	3.443	17.056	0.587
5.	The availability of organizational procedures and job descriptions for all jobs	3.315	16.421	0.544
6.	Multiple leadership style in the deanship	3.294	16.319	0.538
Total (S)		20.20	100	3.37
Weaknesses (W)				
1.	The weak qualification of the administrative staff of the Deanship in the field of scientific research	1.303	24.491	0.319
2.	The small number of employees in the administrative staff of the research centers	1.346	25.304	0.341
3.	The lack of a clear strategy for the Deanship	1.343	25.236	0.339
4.	The number of research cadres is inconsistent with the required tasks	1.328	24.969	0.332
Total (W)		5.32	100	1.33
Overall Average Analysis of Internal Strategic Factors (SW)			100	2.35

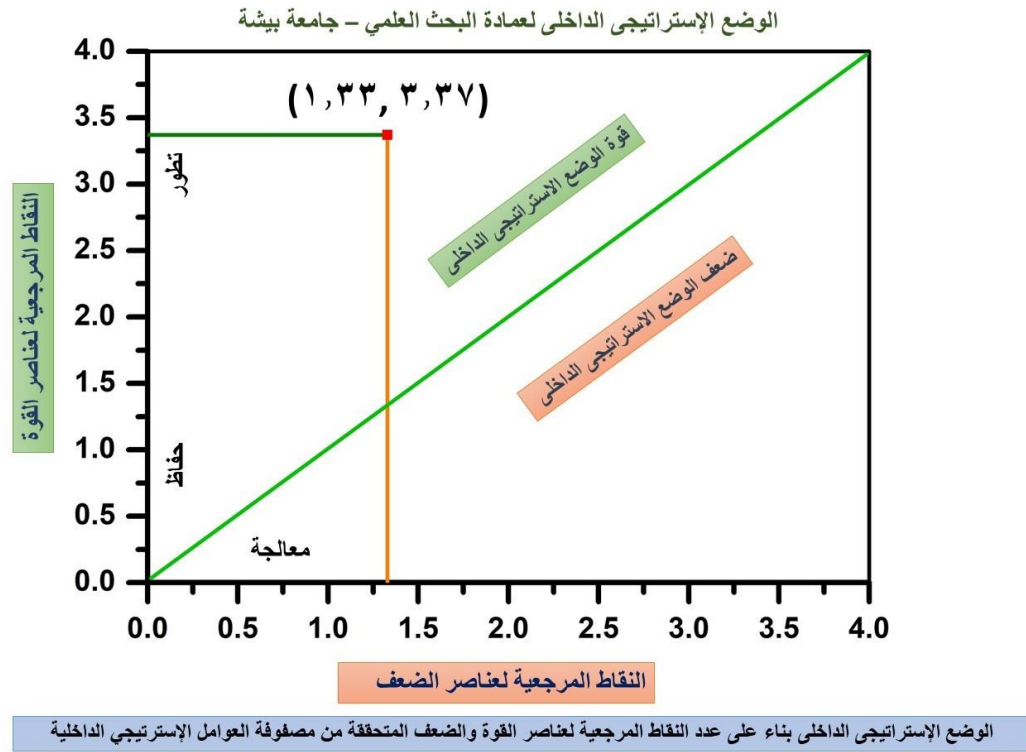


Figure (2): The internal strategy of the Deanship of Scientific Research – University of Bisha (2019-2020)

It is clear from Figure (2) that the current internal strategic situation of the Deanship of Scientific Research, University of Bisha (1.33 - 3.37) indicates the strength and development of performance at the University of Bisha. Where the results of the analysis of the questionnaire of the survey showed that the beneficiaries significantly outweigh the strengths of the elements, which led to excellence and development of the internal strategy performance of the Deanship.

Based on the results of the general weighted evaluation of the internal environment of the Deanship of Scientific Research at University of Bisha (2.35 out of 4) we conclude that there is a level below the average in the capabilities of the internal structure of the Deanship, which demands to work on developing various elements of the internal environment, especially the ones affecting them.

2/3/2 External Factors Analysis

The analysis of the external environment aims to know the opportunities available to the Deanship and the threats that it may face.

2/3/2/1 Opportunities Analysis

Based on an analysis of the results and information previously reached through the meetings of the Deanship of Scientific Research and the Deanship of Development and Quality, a set of opportunities has been devised, which we review as follows:

Table (10): Description of the opportunities for external factors

Opportunities (O)	Description and Impact
1. The diversity of scientific schools for faculty members.	The University of Bisha is distinguished by the diversity of scientific schools to which faculty members belong. It includes 23 Arab, European, American and Asian nationalities, which enriches the research process.
2. Availability of technical infrastructure at the University.	Bisha University is characterized by good technical infrastructure, in terms of electronic systems that offer a lot of potential for researchers and beneficiaries.
3. Allocating an excellence award to the University's faculty.	The presence of this award gives motivation to faculty members to improve the level of scientific research and creativity, which results in improving the university's ranking regionally and globally.
4. The presence of the Saudi Digital Library (SDL).	The presence of the Saudi Digital Library is an important incentive for faculty and students to obtain references and sources of information quickly and easily, enabling them to start their research and studies without the need to be present in the university's headquarters and library.
5. Opportunities available for international cooperation.	There are many opportunities offered in universities around the world for international academic cooperation between the university's colleges and their counterparts, and these opportunities must be optimally utilized to obtain the latest developments and scientific research around the world and to provide more external communication and obtain more experiences.
6. Existence of a national plan for scientific research.	Existence of a national plan for scientific research that defines the national directions for scientific research
7. Existence of bodies to support scientific research from outside the University.	Like King Abdul-Aziz City for Science and Technology, which represents an important opportunity for the university's professional programs to benefit from it in sponsoring research and caring for creators. SABIC also offers programs to support scientific research, the Bisha Charitable Foundation, and other governmental and private sectors.
8. Scarcity of experience houses in the southern region and Asir.	The scarcity of experience houses in the Asir region is something that helps the Deanship to have an activity in scientific research and solve problems facing society in this region in order to have more effectiveness and influence
9. Availability of local and international scientific conferences.	There are many conferences held at the local and international levels, and these conferences help to achieve more communication with the latest scientific and research developments.

2/3/2/2 Threats analysis

Based on the analysis of the results and information previously reached through the meetings of the Deanship of Scientific Research and the Deanship of Development and Quality, a set of threats has been developed, which we review as follows:

Table (11): Description of the Threats for external factors

Threats (T)	Description and Impact
1. Competition in attracting highly qualified faculty	There is a high competition between University of Bisha and universities inside and outside the Kingdom in attracting distinguished faculty members who have the ability to achieve the university's mission.
2. The limited support for scientific research and the difference in research priorities between the university and supporting bodies	Scientific research in scientific disciplines, especially applied ones, is costly and has something that distinguishes it greatly. Supporting scientific research for these applied disciplines is not at the hoped-for level so that it is contributing and influencing.
3. Weak sources of information (libraries)	Libraries are one of the most important learning resources for students, yet there is only one central library in the university city, in addition to the lack of libraries in university colleges, which makes it difficult for female students in particular and students in general to read or borrow scientific references to complete research and studies that help them in the educational process.
4. The lack of research assistants	The Deanship and its centers do not have full-time research assistants for scientific research.
5. Lack of central laboratories	The university does not yet have a central laboratory.
6. Weak research incubators	There are not many incubators in the community that sponsor research and studies for which you may not find support, these research incubators help to enrich the university's research outputs and help explore creative cadres of graduates.
7. Intense competition between universities in the field of scientific research	Competition between universities in the Kingdom and the region in general is a challenge that must be overcome, as competition causes the loss of active faculty and qualified researchers.
8. The society's weak awareness of the importance of scientific research	Some segments of society and some businessmen do not realize the importance of scientific research and its role in societal development and treatment of community problems.
9. The monopoly of the oldest universities is based on many research opportunities and financial allocations	Older universities exclusively have many research opportunities and financial allocations, including government allocations, at the expense of emerging universities.

The matrix of external factors analysis is one of the effective strategic tools that contribute to assessing the most prominent elements of the enterprise's external environment by analyzing the most important elements of opportunities and challenges, and determine the extent of the facility's response to it, according to the following:

- Giving a relative weight to each of the elements of opportunities and challenges (from 10 to 20 elements) according to its importance, compared to the rest of the elements; through the distribution of (100) degrees, representing the total weight of the elements of the external environment, so that the ratio of each element is a ratio compared to other elements according to its importance.
- Evaluating each component of opportunities and challenges according to the enterprise's ability to respond to these elements, according to the following:
 - (Score 1: Very weak response), (Score 2: Medium response)
 - (Evaluation 3: Response above average), (Evaluation 4: Very high response).
- Then the weighted evaluation of each element is determined by multiplying the weight of the element by the general evaluation given to it.
- The weighted total evaluation is produced by adding the weighted evaluation for each component according to the following:
 - Total weighted evaluation > 2.5 (the overall status of the facility's responsiveness to its external environment is strong)
 - Total weighted evaluation < 2.5 (the overall status of the facility's response to its external environment is poor)
 - The result of the general evaluation of the external environment of the Deanship was as follows:

Table (12): Matrix Analysis of External Strategic Factors of the Deanship of Scientific Research

Sr. No.	Opportunities (O)	Items Evaluation	Items Weightage %	Weighted Evaluation
1.	The diversity of scientific schools for faculty members.	3.389	11.192	0.379
2.	Availability of technical infrastructure at the University.	3.309	10.928	0.362
3.	Allocating an excellence award to the University's faculty.	3.488	11.521	0.402
4.	The presence of the Saudi Digital Library (SDL).	3.5	11.559	0.405
5.	Opportunities available for international cooperation.	3.327	10.989	0.366
6.	Existence of a national plan for scientific research.	3.336	11.016	0.367
7.	Existence of bodies to support scientific research from outside the University.	3.398	11.221	0.381
8.	Scarcity of experience houses in the southern region and Asir.	3.278	10.825	0.355
9.	Availability of local and international scientific conferences.	3.255	10.749	0.35
Total (O)		30.30	100	3.37
Threats (T)				
1.	Competition in attracting highly qualified faculty.	1.448	11.001	0.159
2.	The limited support for scientific research and the difference in research priorities between the University and supporting bodies.	1.481	11.252	0.167
3.	Weak sources of information (libraries).	1.35	10.254	0.138
4.	The lack of research assistants.	1.468	11.157	0.164
5.	Lack of central laboratories.	1.581	12.013	0.19
6.	Weak research incubators.	1.437	10.92	0.157
7.	Intense competition between universities in the field of scientific research.	1.465	11.132	0.163
8.	The society's weak awareness of the importance of scientific research.	1.427	10.843	0.155
9.	The monopoly of the oldest universities is based on many research opportunities and financial allocations.	1.504	11.427	0.172
Total (T)		13.20	100	1.47
Overall Average Analysis of Internal Strategic Factors (OT)			100	2.42

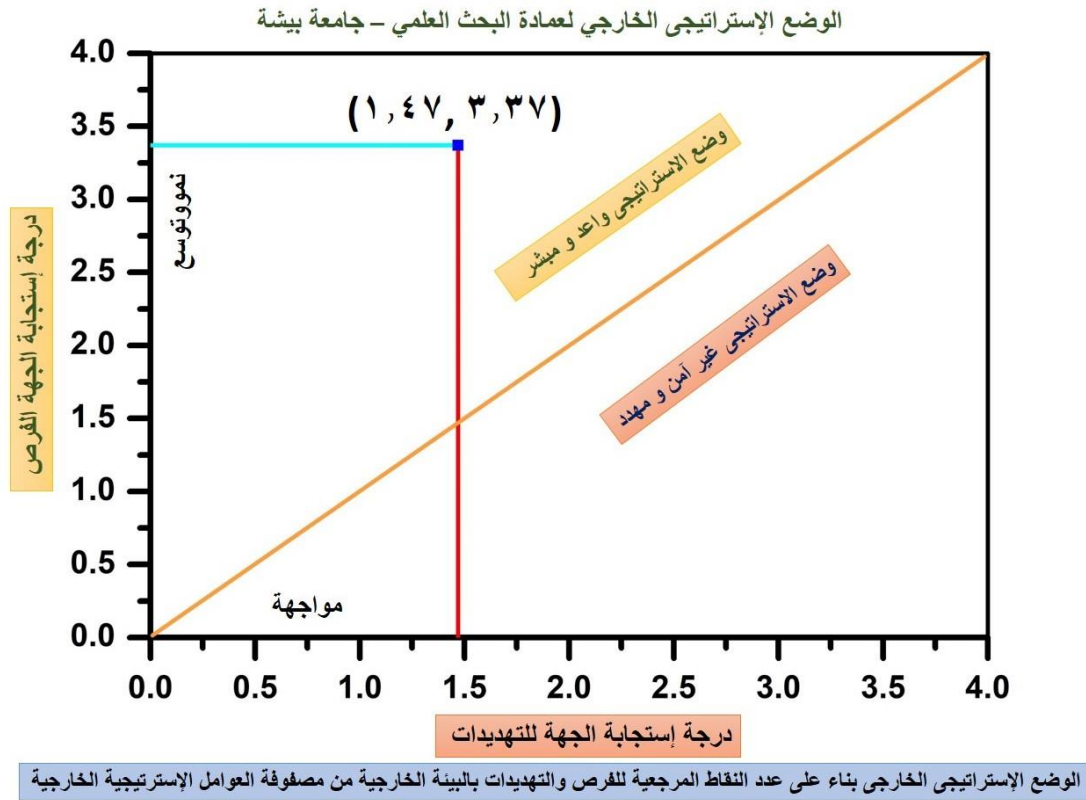


Figure (3): The external strategist of the Deanship of Scientific Research - Bisha University

The current external strategic position of the Deanship of Scientific Research at the University of Bisha (1.47 - 3.37) is promising and encouraging as evidenced by Figure 3, where the results of the analysis of beneficiaries poll showed the excellence of opportunities available to the University in the field of scientific research at the level of Bisha Governorate, the University of Bisha, the Asir region and the southern region. Based on the result of the general weighted evaluation of external environmental factors (2.416 out of 4), we conclude that the Deanship's ability to exploit its potentials to take advantage of opportunities and confront threats exceeds average.

2/4 Strategic Features

The identity of University of Bisha for research is built on the following three pillars:

1. Research priorities for the Kingdom according to the Kingdom's 2030 vision.
2. The needs of the community surrounding the university at the level of Bisha Governorate, Asir region, and the southern region.
3. The research capabilities of the university and the Kingdom in the academic staff (faculty members) and graduate students.

According to this identity, University of Bisha cultivate the following research Trends/Scope:

- Sustainable Agricultural Development.
- Societal Problems and Innovative Solutions.
- National Security.

And the efforts of the researchers from the University employees were enhanced to work according to these directions in the following research discipline:

1. Natural Sciences
2. Engineering and Technology
3. Medical and Health Sciences
4. Agricultural and Veterinary Sciences
5. Social Sciences
6. Humanities and The Arts

2/4/1 Vision, Mission and values

According to the data of environmental analysis, the deanship's strategic features are represented in the vision, mission, values, and strategic goals.

Vision

Differentiation in scientific research to advance the University international classification in a way that achieves sustainable development and a knowledge base society.

Vision matching matrix

Table (13): The alignment/consistency between the Visions of the Deanship and the University

University Vision: An innovative knowledge system for a productive society	Deanship Vision: Differentiation in scientific research to advance the University international classification in a way that achieves sustainable development and a knowledge base society.			
	Differentiation	International Classification	Sustainable Development	Knowledge Society
System	√	√	√	
Creative		√		
Knowledge				√
Society		√	√	√
Productive				√

Mission

The development of a scientific research system for the knowledge industry and the creation of innovative competitive application solutions to achieve sustainable development and serve the knowledge society within the framework of the Kingdom's 2030 vision.

Mission matching matrix

Table (14): The alignment /consistency between the Deanship Mission and the University Mission

University Mission: Building a competitive knowledge society through an advanced educational environment, scientific research, and effective community initiatives and participations.	Deanship Mission: The development of a scientific research system for the knowledge industry and the creation of innovative competitive application solutions to achieve sustainable development and serve the knowledge society within the framework of the Kingdom's 2030 vision							
	Development	Scientific Research System	Knowledge	Innovation	Competitive Applied Solutions	Creative	Sustainable Development	Society (Knowledge Society)
Building society		√					√	√
My knowledge			√					
Competitive	√			√	√			
Advanced Education						√		
Scientific Research		√						
Initiatives				√	√			
Community Participation	√						√	√

Values

They are the moral meanings that must be established in the team's awareness, in the individual's practices, and in the deanship's system and procedures, in order to reach its goal effectively, as the internal directives that advance the deanship's effectiveness, namely:

- Originality
- Innovation
- Professionalism
- Cooperation
- Responsibility
- Credibility

Values matching matrix:

Table (14): The alignment /consistency between the Deanship Values and of the University Values.

University Values	Deanship Values					
	Originality	Innovation	Professionalism	Cooperation	Responsibility	Credibility
Competitive			√			√
Institutional				√	√	
Perfection	√		√			√
Creativity		√				
Effectiveness	√		√			
Responsibility					√	
Team Spirit				√		

2/4/2 Strategic Objectives

After analyzing both the internal environment and the external environment and identifying the strengths and weaknesses of the Deanship as well as opportunities and threats in the surrounding environment, strategic goals have been formulated and they cover specific time periods through initiatives and programs that achieve those goals.

Strategic Objectives matching matrix:

Table (16): The alignment/consistency between the strategic objectives of the Deanship and the strategic goals and the various initiatives of University.

University Strategic Plan (2017-2022)		Strategic Objectives of the Deanship of Scientific Research at University of Bisha			
Strategic Objectives	Initiatives	First Objective	Second Objective	Third Objective	Fourth Objective
First	3 (Feasible investment projects)			√	
Second	9 (Qualification and training of University employees)		√		
Third	19 (Excellence Awards)			√	
Fourth	22 (Advanced learning environment)	√			
Fifth (5 initiatives)	27-31 (Smart Knowledge Databases, Supporting Applied Scientific Research, Research Partnerships, Specialized Consultation (Center), Sponsoring Creative Research Ideas)	√	√	√	√
Sixth	37 (Intellectual awareness)		√		
Seventh (3 initiatives)	41-43 (Expertise Houses, Business Incubators, Active Community Partnership)				√

From the previous table, it is clear the full consistency between the strategic goals of the Deanship of Scientific Research at Bisha University and the strategic goals of the university, as the number of (13) strategic initiatives at the university level contribute to achieving the four goals of the Deanship.

2/4/3 Actual and future strategies of the Deanship of Scientific Research – University of Bisha.

2/4/3/1 The actual strategic position of the Deanship of Scientific Research –University of Bisha.

The internal and external analysis matrix is one of the effective tools in determining the strategic reality of the facility:

- ❖ Internal Factor Evaluation-Matrix (IFE-M)
- ❖ External Factor Evaluation-Matrix (EFE-M)

According to the following:

- The matrix is divided into three regions, with each region representing a specific strategic direction, according to the following:
 - Growth and expansion area (I, II, IV)
The most strategic directions focus on providing new services, targeting new segments, vertical and horizontal integration, or diversifying and increasing internal and external activities, with a focus on existing products and services.
 - Focus and Development Area (III, V, VII)
The most prominent strategic directions centered on focusing on existing products and services, by working to develop the facility's internal capabilities and capabilities, and upgrading it, so that it contributes to increasing the quality of the facility's performance. This region may also include the provision of new services.
 - Shrinkage and Filter Area (VI, VIII, IX)
The most prominent strategic directions focus on working to reduce the various activities of the facility to reduce operating expenses, in addition to the trend towards liquidating the facility.
- The location of the facility is determined in one of the three regions, by drawing the coordinates of the facility (weighted total assessment of the internal environment, and the total weighted assessment of the external environment) on the matrix of internal and external analysis.

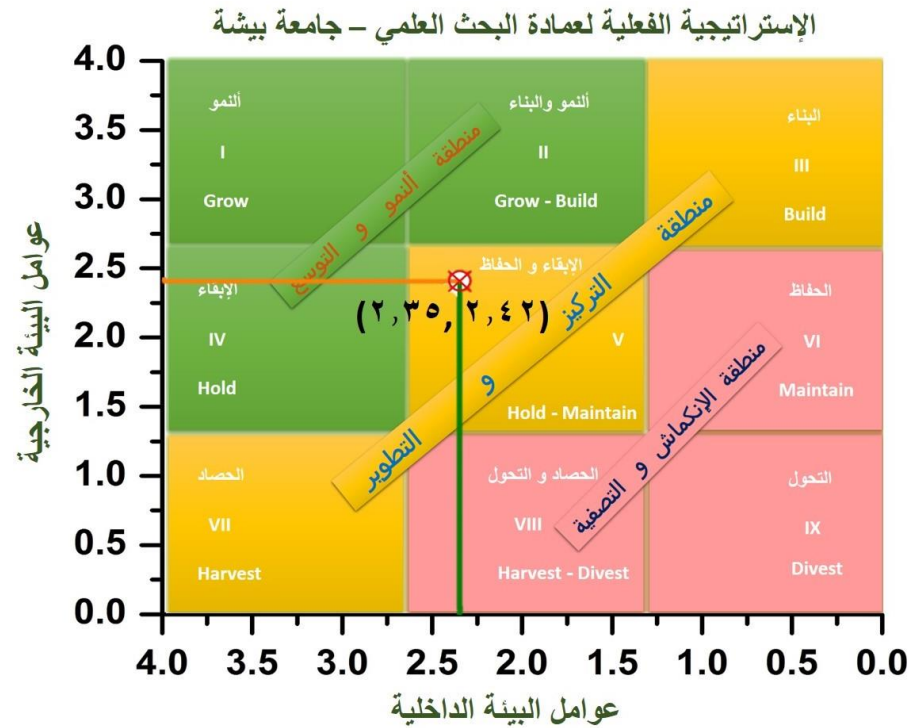


Figure No. (4): The actual strategy of the Deanship of Scientific Research - University of Bisha.

Figure 4 shows the actual strategy of the Deanship of Scientific Research at University of Bisha (Dimensions and Preservation Strategy “Hold-Maintain Strategy”), which is located in the focus and development area and indicates the efforts made by the University, which transferred it to this level of effective strategic performance. It is worth noting the University level role under its rational leadership in the framework of its promising strategy (2017-2022) and through active and dynamic initiatives in improving the University’s position at the external and internal levels.

Based on the results of the evaluation shown in the figure, we conclude that the strategic position of the Deanship is in the focus and development area (the central region), and this indicates the necessity of enhancing the Deanship's capabilities to respond to internal factors and external variables, which necessitates the orientation towards developing its capabilities and capacities and raising the efficiency of its employees so that it contributes to Increasing the quality of its performance. Then expanding and providing new services on a larger scale, but that does not mean not investing the opportunities currently available to the Deanship of Scientific Research by all possible means.

2/4/4 TOWS Matrix

The quadratic analysis matrix Figure 5 aims to propose a number of strategic initiatives and directions for the Deanship, by linking strengths and weaknesses with opportunities and threats to develop four types of strategic initiatives; namely:

- Reinforcement strategies (SO Strategies): Strategies to take advantage of strengths in exploiting the available opportunities.
- Internal rehabilitation strategies (WO Strategies): Strategies to exploit opportunities to overcome weaknesses.
- Deflation Strategies (ST Strategies): Strategies for using strengths to avoid risks.
- Sharing Strategies (WT Strategies): Defensive strategies that aim to reduce vulnerabilities and try to avoid risks.

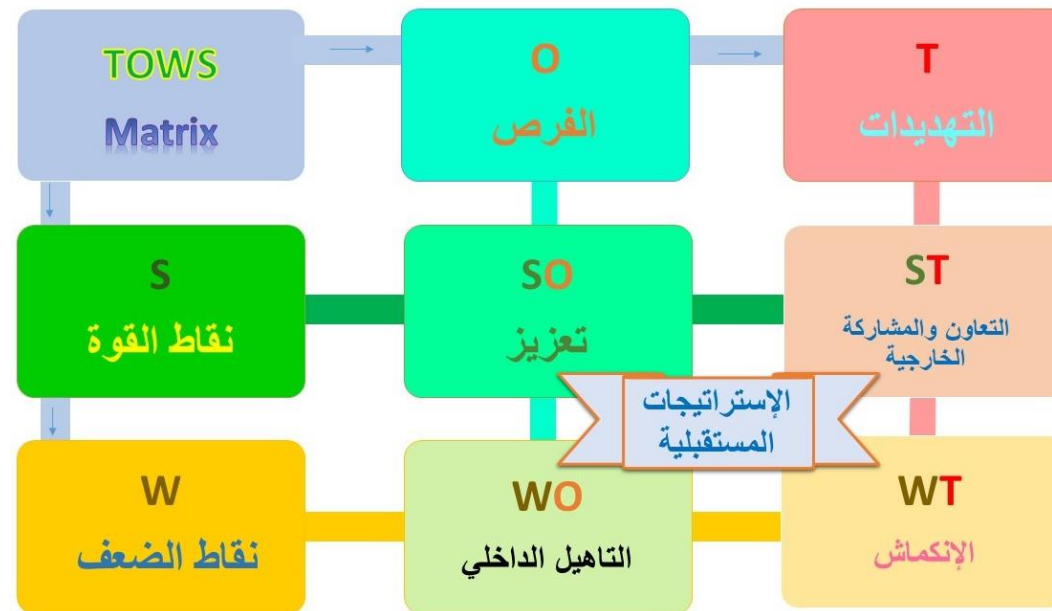


Figure No. (5): Future strategy derived from the quadratic analysis matrix of the Deanship of Scientific Research – University of Bisha.

2/4/5 The future strategies of the Deanship of Scientific Research – University of Bisha

The (TOWS) analysis to study the compatibility between the internal and external strategic factors is the basis in devising future strategies for the university, which resulted from many initiatives that will be reviewed in detail in the future and is explained in the following table (17):

Table (17): Quaternary Analysis Matrix of Deanship of Scientific Research – University of Bisha

	Threats (T)	Opportunities (O)
<p>External Environmental Factors</p> <p>Against</p> <p>Internal Environmental Factors</p>	<ol style="list-style-type: none"> 1. Competition in attracting highly qualified faculty. 2. The limited support for scientific research and the difference in research priorities between the university and supporting bodies. 3. Weak sources of information (libraries) 4. The lack of research assistants 5. Lack of central laboratories 6. Weak research incubators 7. Intense competition between universities in the field of scientific research 8. The society's weak awareness of the importance of scientific research 9. The monopoly of the oldest universities is based on many research opportunities and financial allocations 	<ol style="list-style-type: none"> 1. The diversity of scientific schools for faculty members. 2. Availability of technical infrastructure at the University. 3. Allocating an excellence award to the University's faculty. 4. The presence of the Saudi Digital Library (SDL). 5. Opportunities available for international cooperation. 6. The existence of a national plan for scientific research. 7. Existence of bodies to support scientific research from outside the University. 8. Scarcity of experience houses in the southern region and Asir. 9. Availability of local and international scientific conferences.

Weaknesses (W)	Weakness/Threats	Weakness/Opportunity
<ol style="list-style-type: none"> 1. The weak qualification of the administrative staff of the Deanship in the field of scientific research 2. The small number of employees in the administrative staff of the research centers 3. The lack of a clear strategy for the Deanship 4. The number of research cadres is inconsistent with the required tasks 	<ol style="list-style-type: none"> 1. Deepening communication with external parties to diversify sources of income. 2. Activating the role of part-time researchers (Virtual Researcher). 	<ol style="list-style-type: none"> 1. Upgrading the quality of scientific and literary research. 2. The existence of international cooperation programs and local training opportunities to increase the qualification of the administrative staff through training from the available fields with these programs. 3. Benefiting from the technical structure in providing advisory services for male and female researchers in colleges.
Strengths (S)	Strength/Threats	Strength/Opportunity
<ol style="list-style-type: none"> 1. There are clear and specific values for the Deanship of Scientific Research at University of Bisha. 2. Availability of a declared. organizational structure approved by the Deanship of Scientific Research Council at University of Bisha. 3. Distinguished experience in managing research projects. 4. The presence of a number of distinguished research cadres. 5. The availability of organizational procedures and job descriptions for all jobs. 6. Multiple leadership style in the deanship. 	<ol style="list-style-type: none"> 1. Continuation and development of the University's central laboratories. 2. Providing and material support for developmental research according to the priorities of scientific research in the Kingdom. 3. Motivating the distinguished researchers financially and morally. 4. Provide the necessary support for conducting scientific research and developing the capabilities of researchers. 	<ol style="list-style-type: none"> 1. Directing scientific research to attract external funding sources. 2. Educating researchers about external funding opportunities.

From Table (17), it is clear that the strategic direction is necessary as follows:

1. Developing the infrastructure for scientific research at the university.
2. A distinct research environment.
3. Focus on research quality.
4. Finding multiple and diverse paths for marketing the outputs of scientific research and researchers services.
5. A high-quality, effective community partnership.
6. The orientation towards international cooperation.

2/5 The Deanship's Initiatives (Strategic Issues)

1. Supporting and enhancing the scientific research infrastructure
2. Developing the capabilities of researchers from the university's employees
3. Upgrading the quality of scientific and literary research
4. Establish an office to support innovation
5. Supporting applied development research
6. Supporting research for graduate students
7. Research Teams Program
8. Promote and activate community partnerships and research partnerships.

2/6 Beneficiaries Analysis

2/6/1 Types of beneficiaries

6/6/1/1 Internal stakeholders: Stockholders

A) Direct:

- University Higher Administration (President – Vice President)
- College Deans
- Deanship of Graduate Studies
- Deanship of Library Affairs
- Research and Consulting Institute

- Department of International Cooperation
- Department of Scholarships and Training
- Researchers (faculty and similar staff and graduate students).

B) Indirect

- Deanship of Development and Quality
- Deanship of e-learning
- General Administration of Communications
- Ministry of Education (RDO, IRO)
- Various research funding entities locally, regionally and internationally.

2/6/1/2 External stakeholders: Stakeholders.

- Human Resources Development Fund (Target)
- Private Training Centers
- The Media
- Corresponding Deanships in the Universities
- Private Colleges
- Aramco

- Ministry of Health
- Ministry of Labor
- Ministry of Civil Service
- Chamber of Commerce
- Private Sector

2/6/2 Beneficiaries Needs

2/6/2/1 Internal Stakeholders

A/1. University Higher Administration

- The university is well represented in various forums.
- Support the bonds of cooperation and communication with the local community.
- Diversifying sources of financial income and investing in university facilities.
- A detailed periodic report on the activities carried out in the Deanship.

A/2. Direct Related Parties

- Inform researchers at colleges about the research projects available in the Deanship to urge them to participate.
- Announcement of scholarships available at the Deanship in all specializations.
- List of the needs of the Deanship of Scientific Research with various scientific references and periodicals.
- Provide the Deanship of Libraries with copies of the final reports of the research projects that have been completed.
- Exchanging experiences and information regarding current research and providing information on advanced research cadres as well as available funding.
- List of research projects supported by international external bodies.
- Nominate the various research cadres that are suitable with the available external projects.

B. Indirect Related Parties

- Training courses to develop soft skills.
- Marketing services, research, consulting, innovations and creative ideas in effective ways.
- Contributing to the development of the university's media system.

2/6/2/2 External Stakeholders:

- ✓ Developing a culture of scientific research through educational seminars, introductory lectures and awareness meetings.
- ✓ Creating educational programs for scientific research.
- ✓ Participate in developing research skills for community members with modern technologies and electronic programs for scientific research outputs (innovations).
- ✓ Rehabilitation, supervision and evaluation programs for their scientific research.

Third: The executive plan of the strategic plan of the Deanship of Scientific Research - University of Bisha

The deanship's operational plan has been developed and is expected to achieve its strategic goals, including a set of initiatives. Key Performance Indicators-KPIs and their Performance Measures have been developed, with target readings set for each. The plan's preparation team at the Deanship worked on devising its strategic goals, by looking at the Deanship's vision and mission, and how the Deanship's strategic issues are resolved and aligning them with the strategic goals of the Deanship of Scientific Research and the University. By integrating all of these determinants, the team formulated the Deanship's strategic goals. Since it is not possible to implement the goals at once, a number of executive goals have been formulated for each strategic goal since achieving all of these executive goals achieves the strategic goals. Table (18) shows the strategic goals of the Deanship of Scientific Research and the related operational goals.

Table (18): List of strategic goals of the Deanship of Scientific Research and its related operational goals.

Sr.	Strategic Objectives	Roles	Executive Objectives	Tasks and Activities
1	Support and develop the infrastructure for scientific research at the University.	<ul style="list-style-type: none"> • Providing a creative research environment for University employees from researchers. 	<ul style="list-style-type: none"> - Creating and developing scientific research laboratories. - Periodic maintenance of research environments. - Meet the research requirements. 	<ul style="list-style-type: none"> - Enumeration of potentials and possibilities. - Determining the development priorities necessary for the implementation of research projects. - Implement urgent periodic maintenance for laboratories and research environments.
2	Development of research, creativity and innovation capabilities of the University's researchers.	<ul style="list-style-type: none"> • Deepening the culture of scientific research and the basic concepts associated with it. • Upgrading the scientific publishing in quantity and quality. 	<ul style="list-style-type: none"> - Spreading the culture of scientific research at the University. - Developing and improving scientific research outputs at the University. - Increasing the participation of researchers in scientific activities. 	<ul style="list-style-type: none"> - Preparation and implementation of training programs on scientific publishing, the international classification of Universities, fundamentals, outputs and strategies of scientific research. - Organizing events related to scientific research and encouraging participation in it. - Periodic reports of activities, performance, and evaluation (University employees are researchers).

3	Promote participation in advanced applied research projects at the local, regional and international levels.	<ul style="list-style-type: none"> • Awareness of various sources of funding for scientific research 	<ul style="list-style-type: none"> - Supporting scientific research and applied development studies. - Encouraging and motivating University researchers on creativity, innovation and the production of distinguished research. - Opening communication channels between the University and the external community to market research production 	<ul style="list-style-type: none"> - Determining the priorities and quality of scientific research. - Granting the international publishing prize for applied and development research and encouraging researchers to obtain the international publishing prize.
4	Contribute to solving societal problems through innovative and advanced applied research methods	<ul style="list-style-type: none"> • Coordination between all bodies concerned with scientific research at the University. • Supporting cooperation between the University and the outside community in the field of scientific research 	<ul style="list-style-type: none"> - To develop and support effective partnerships with various sectors of society - Seek to achieve research integration with Saudi, regional and international Universities' programs - Coordination between the various bodies concerned with scientific research at the University 	<ul style="list-style-type: none"> - Determine the research needs related to the problems of the surrounding community - Activate community participation. - Supporting research cooperation between University of Bisha and other Universities and research centers.

Table (19): The timetable of the executive plan for the strategic plan initiatives of the Deanship of Scientific Research – University of Bisha.

Strategic Goal	Initiatives	Years of the strategic plan													
		2020			2021			2022			2023				
First	7. Supporting and enhancing the scientific research infrastructure														
Second	8. Developing the capabilities of researchers from the university's employees														
	9. Upgrading the quality of scientific and literary research														
	10. Create an office to support innovation														
Third	11. Supporting applied development research														
	12. Supporting research for graduate students														
	13. Research Teams Program														
Forth	14. Promote and activate community partnerships and research partnerships														

Table (20): Priorities of scientific research at University of Bisha during the period 2020-2024.

First Priority		Second Priority		Third Priority	
Sustainable Development of Environment		Community Health		Technology and Modern Applications	
Research Activities	Total Cost (Million Riyals)	Research Activities	Total Cost (Million Riyals)	Research Activities	Total Cost (Million Riyals)
1. Water Issues	10	1. Enhancing the Health of Individual and Society	12	1. Data Science and Artificial Intelligence	10
2. Agriculture and Industry Issues	10	2. Studying the Patterns of Infectious, Epidemiological Diseases, and their Impacts	5	2. Digital Transformation	10
3. Renewable Energy	10	3. Safety and Prevention of the Individual and Society	12	3. Internet of Things Applications	8
4. Archeology and Tourism in the Asir region	12	4. Social Challenges and Innovative Solutions	10	4. Health and Social Technology	10
				5. Cyber Security and Security Solutions	12

Fourth: Indicators for measuring the performance of the strategic plan of the Deanship of Scientific Research - University of Bisha (2020-2024).

After the executive strategic goals have been formulated, the plan preparation team has put in place mechanisms to measure the success of executing the strategic objectives of Deanship, whereas these indicators give numerical values that would give decision-makers in the Deanship and the University, the ability to determine the success of the executive team and also help in making executive strategic decisions. Each executive objective has one or more performance indicators, depending on the level of sophistication the executive objective contains, these performance indicators were formulated in an interactive work meeting with the Deanship team, the team at that meeting also formulated performance measurement indicators for each goal from executive objectives. The formulated performance indicators clearly measure the implementation goals and therefore they measure the success of executive strategic objectives that the Deanship seeks to achieve. The performance measurement indicators that have been formulated are linked to the strategic objectives and executive objectives of the Deanship.

The following list shows the strategic and executive objectives, the performance measuring indicators that were extracted and measure those indicators, with note that the coding reference is for strategic objectives only, as shown in the following table:

Table (21): The alignment/consistency between major University performance indicators and sub-performance indicators of Deanship

Strategic Objectives	Executive Objectives	Key Performance Indicators (KPI) of University (% KPI of the Fifth Goal of the University's Strategic Plan)	Sub-Performance Indicators (% Sub-Performance Indicator for the Deanship's Strategic Objectives)	Target (2020-2024)
1. To support and develop the scientific research infrastructure in the University by improving the capacity of logistic and human resources. Moreover, for emerging the digital, technical, financial and other physical means for scientific research. In addition, to establish and manage the technical research labs in the University to support research in all disciplines.	<ul style="list-style-type: none"> - Creating and developing scientific research laboratories. - Periodic maintenance of research environments - Meet the research requirements 	1- Percentage of research published internationally according to the approved annual targets for scientific publications (15%) 11- Scientific Research Budget to the Total Budget of University (10%)	G1PI1: Number of newly developed and developed laboratories (20%)	40
			G1PI2: Number of electronic devices and software supplied (20%)	100
			G1PI3: Number of devices that work well (20%)	80
			G1PI4: Number of research published in journals with high impact factor (40%)	120

Follow Table (21): The alignment/consistency between major University performance indicators and sub-performance indicators of Deanship

Strategic Objectives	Executive Objectives	Key Performance Indicators (KPI) of University (% KPI of the Fifth Goal of the University's Strategic Plan)	Sub-Performance Indicators (% Sub-Performance Indicator for the Deanship's Strategic Objectives)	Target (2020-2024)
<p>2. To enhance the research capabilities of researchers through providing an innovative research environment in the University with well qualified personnel. Furthermore, by offering a competitive environment for researchers and appropriate incentives for research activities such as publishing in high quality journals to motivate the researchers for producing good quality research.</p>	<ul style="list-style-type: none"> - Expanding the culture of scientific research at the University - Developing and improving scientific research outputs at the University - Increasing the participation of researchers in scientific activities 	<p>2- Number of research chairs during the plan period (5%) 6- Number of patents and registered innovations compared to the annual approved targets for patents (5%) 7- Published research average for each faculty member (15%) 8- Average citations in the refereed journals for each faculty member (5%) 10- Number of annual excellence awards (10%)</p>	G2PI1: Average impact factor for scientific research published annually (15%)	5
			G2PI2: The number of books that have been written and / or translated into Arabic (15%)	100
			G2PI3: Number of research chairs during the plan period (5%)	6
			G2PI4: Number of patents and innovations registered compared to the annual approved patent targets (5%)	15
			G2PI5: Published research average for each faculty member(20%)	0.80:1
			G2PI6: Average citations in the refereed journals for each faculty member (20%)	20.0 %
			G2PI7: Number of annual excellence awards (20%)	12
<p>3. To develop and strengthen the research collaboration, faculty exchange and training programs with local, regional and international universities and research centers. Also, supporting applicable and relevant sophisticated scientific research projects to enhance the research skills of researchers associated to the University.</p>	<ul style="list-style-type: none"> - Supporting scientific research and applied development studies - Encouraging and motivating University researchers on creativity, innovation and the production of distinguished research - Open channels of communication between the University and the external community to market research output 	<p>3- Number of research grants funded annually (10%) 5- Percentage of implementation of scientific research activities compared to the approved annual plans (workshops, panel discussions, etc.) (5%) 9- Percentage of external funding for research (10%)</p>	G3PI1: Value of the financial support that has been spent annually on implemented research projects (20%)	32 Million (SAR)
			G3PI2: Number of published papers and books per researcher (20%)	10
			G3PI3: Percentage of implementation of scientific research activities compared to the approved annual plans (workshops, panel discussions, etc.) (20%)	100 %
			G3PI4: Percentage of external funding for research (20%)	20 %
			G3PI5: Number of research grants for postgraduate students (20%)	100

Follow Table (21): The alignment/consistency between major University performance indicators and sub-performance indicators of Deanship

Strategic Objectives	Executive Objectives	Key Performance Indicators (KPI) of University (% KPI of the Fifth Goal of the University's Strategic Plan)	Sub-Performance Indicators (% Sub-Performance Indicator for the Deanship's Strategic Objectives)	Target (2020-2024)
4. To contribute in solving the problems related to all disciplines such as agricultural products, engineering, IT, health aspects, water treatment and desalination via creative scientific techniques and recent advances in applied research approaches at the societal, commercial, industrial levels.	<ul style="list-style-type: none"> - To develop and support effective partnerships with various sectors of society - Achieving research integration with Saudi, regional and international Universities' programs - Coordination between the various entities concerned with scientific research at the University 	4- Percentage of external parties' satisfaction with the quality of the consulting solutions provided to them (5%) 5- Percentage of implementation of scientific research activities compared to the approved annual plans (workshops, panel discussions, etc.) (5%)	G4PI1: Number of research partnerships with various sectors of society (25%)	5
			G4PI2: Number of research and research projects undertaken between University of Bisha and other Saudi Universities (25%)	50
			G4PI3: Number of activities held inside and outside the University related to scientific research (25%)	10
			G4PI4: Percentage of third-party satisfaction with the quality of the consulting solutions provided to them (25%)	90.0 %

بطاقة المبادرة الاولى

الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة 2020-2024م	مُسمى الخطة
الهدف الأول: عمادة البحث العلمي (دعم وتطوير البنية التحتية للبحث العلمي بالجامعة)	الأهداف الإستراتيجية لعمادة البحث العلمي ذات العلاقة
الهدف الخامس- جامعة بيشة "بناء منظومة بحثية علمية متطورة" المبادرة الإستراتيجية (29) - جامعة بيشة: "الإستشارات المتخصصة (مركز)"	مُسمى الهدف و المبادرة المرتبطة بالخطة الإستراتيجية للجامعة
على مستوى للجامعة: * 2- عدد الكراسي البحثية خلال فترة الخطة 6- عدد براءات الاختراع والإبتكارات المسجلة مقارنة بالمستهدفات السنوية المعتمدة لبراءات الإختراع 7- معدل البحوث المنشورة لكل عضو هيئة تدريس 8- معدل الاقتباسات في المجالات المحكمة لكل عضو هيئة تدريس 9- نسبة التمويل الخارجي للبحوث 10- عدد جوائز التميز السنوية	منظومة مؤشرات الأداء الرئيسة المرتبطة
على مستوى للعمادة: ** 1/3: مقدار الدعم المالي الذي تم انفاقه سنويا على المشاريع البحثية المنفذة 2/3: عدد البحوث المنشورة والمؤلفات لكل باحث	
دعم وتعزيز البنية التحتية للبحث العلمي	مسمى المشروع (مبادرة العمادة الإستراتيجية)
1. دعم البحوث العلمية والدراسات التطويرية التطبيقية 2. تشجيع وتحفيز الباحثين بالجامعة على الإبداع والإبتكار وإنتاج البحوث المتميزة 3. فتح قنوات تواصل بين الجامعة والمجتمع الخارجية لتسويق الإنتاج البحثي	أهداف المشروع (مبادرة العمادة الإستراتيجية)
عمادة البحث العلمي	الجهة المسؤولة
ادارة العلاقات العامة بالجامعة / الوزارات المعنية	الجهات المشاركة في تنفيذ المشروع (مبادرة العمادة الإستراتيجية)
ندوات خارجية/ مطبوعات دعائية/ ورش عمل	الفعاليات العلمية
2024-2020	مدة المشروع (مبادرة العمادة الإستراتيجية)
15.0 مليون ريال سعودي	التكلفة المتوقعة للمشروع (مبادرة العمادة الإستراتيجية)

* رقم مؤشر الأداء الرئيس في الخطة الإستراتيجية الأولى للجامعة (2017-2022م) ** رقم الهدف الإستراتيجي للعمادة / مؤشر الأداء في الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة (2020-2024م)

بطاقة المبادرة الثانية

الخطة الإستراتيجية الأولى لعمادة البحث العلمي – جامعة بيشة 2020-2024م	مُسمى الخطة
الهدف الثاني: عمادة البحث العلمي (تنمية قدرات البحث والإبداع والإبتكار لدى منسوبي الجامعة من الباحثين)	الأهداف الإستراتيجية لعمادة البحث العلمي ذات العلاقة
الهدف الخامس- جامعة بيشة "بناء منظومة بحثية علمية متطورة" المبادرة الإستراتيجية (27) - جامعة بيشة: "القواعد المعرفية البحثية الذكية"	مُسمى الهدف و المبادرة المرتبطة بالخطة الإستراتيجية للجامعة
على مستوى للجامعة: * 6- عدد براءات الاختراع والابتكارات المسجلة مقارنة بالمستهدفات السنوية المعتمدة لبراءات الاختراع 7- معدل البحوث المنشورة لكل عضو هيئة تدريس 8- معدل الاقتباسات في المجلات المحكمة لكل عضو هيئة تدريس 10- عدد جوائز التميز السنوية	منظومة مؤشرات الأداء الرئيسية المرتبطة
على مستوى للعمادة: ** 2/2: متوسط معامل التأثير للابحاث العلمية المنشورة سنويا 3/2: عدد المؤلفات التي تم تأليفها و/ او ترجمتها الى العربية	
تنمية قدرات الباحثين من منسوبي الجامعة	مسمى المشروع (مبادرة العمادة الإستراتيجية)
1. نشر ثقافة البحث العلمي بالجامعة 2. تطوير وتحسين مخرجات البحث العلمي بالجامعة 3. زيادة مشاركة الباحثين في الفاعليات العلمية	أهداف المشروع (مبادرة العمادة الإستراتيجية)
عمادة البحث العلمي	الجهة المسؤولة
الكليات، المراكز والمعاهد البحثية للجامعة	الجهات المشاركة في تنفيذ المشروع (مبادرة العمادة الإستراتيجية)
ورش عمل – ندوات خارجية	الفاعليات العلمية
2024-2020	مدة المشروع (مبادرة العمادة الإستراتيجية)
12.0 مليون ريال سعودي	التكلفة المتوقعة للمشروع (مبادرة العمادة الإستراتيجية)

* رقم مؤشر الأداء الرئيس في الخطة الإستراتيجية الأولى للجامعة (2017-2022) ** رقم الهدف الإستراتيجي للعمادة / مؤشر الأداء في الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة (2020-2024م)

بطاقة المبادرة الثالثة

الخطة الإستراتيجية الأولى لعمادة البحث العلمي – جامعة بيشة 2020-2024م	مُسمى الخطة
الهدف الثاني: عمادة البحث العلمي (تنمية قدرات البحث والإبداع والإبتكار لدى منسوبي الجامعة من الباحثين)	الأهداف الإستراتيجية لعمادة البحث العلمي ذات العلاقة
الهدف الخامس- جامعة بيشة "بناء منظومة بحثية علمية متطورة" المبادرة الإستراتيجية (27) - جامعة بيشة: "القواعد المعرفية البحثية الذكية "	مُسمى الهدف و المبادرة المرتبطة بالخطة الإستراتيجية للجامعة
على مستوى للجامعة: * 2- عدد الكراسي البحثية خلال فترة الخطة 6- عدد براءات الاختراع والابتكارات المسجلة مقارنة بالمستهدفات السنوية المعتمدة لبراءات الاختراع 7- معدل البحوث المنشورة لكل عضو هيئة تدريس 8- معدل الاقتباسات في المجلات المحكمة لكل عضو هيئة تدريس 10- عدد جوائز التميز السنوية	منظومة مؤشرات الأداء الرئيسة المرتبطة
على مستوى للعمادة: ** 2/2: متوسط معامل التأثير للابحاث العلمية المنشورة سنويا 3/2: عدد المؤلفات التي تم تأليفها و/ او ترجمتها الى العربية	
الإرتقاء بجودة البحوث العلمية والادبية	مسمى المشروع (مبادرة العمادة الإستراتيجية)
1. نشر ثقافة البحث العلمي بالجامعة 2. تطوير وتحسين مخرجات البحث العلمي بالجامعة 3. زيادة مشاركة الباحثين في الفاعليات العلمية	أهداف المشروع (مبادرة العمادة الإستراتيجية)
عمادة البحث العلمي	الجهة المسؤولة
كليات الجامعة العلمية والأدبية	الجهات المشاركة في تنفيذ المشروع (مبادرة العمادة الإستراتيجية)
ورش و ندوات لنشر البحث العلمي	الفاعليات العلمية
2024-2020	مدة المشروع (مبادرة العمادة الإستراتيجية)
20.0 مليون ريال سعودي	التكلفة المتوقعة للمشروع (مبادرة العمادة الإستراتيجية)

* رقم مؤشر الأداء الرئيس في الخطة الإستراتيجية الأولى للجامعة (2017-2022م) ** رقم الهدف الإستراتيجي للعمادة / مؤشر الأداء في الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة (2020-2024م)

بطاقة المبادرة الرابعة

الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة 2020-2024م	مُسمى الخطة
الهدف الثاني: عمادة البحث العلمي تنمية قدرات البحث والإبداع والإبتكار لدى منسوبي الجامعة من الباحثين	الأهداف الإستراتيجية لعمادة البحث العلمي ذات العلاقة
الهدف الخامس- جامعة بيشة "بناء منظومة بحثية علمية متطورة" المبادرة الإستراتيجية (31) - جامعة بيشة: "رعاية الأفكار البحثية الإبداعية"	مُسمى الهدف و المبادرة المرتبطة بالخطة الإستراتيجية للجامعة
على مستوى للجامعة: * 6- عدد براءات الاختراع والابتكارات المسجلة مقارنة بالمستهدفات السنوية المعتمدة لبراءات الاختراع 8- معدل الاقتباسات في المجالات المحكمة لكل عضو هيئة تدريس 10- عدد جوائز التميز السنوية	منظومة مؤشرات الأداء الرئيسة المرتبطة
على مستوى للعمادة: ** 4/2: عدد براءات الاختراع والابتكارات المسجلة مقارنة بالمستهدفات السنوية المعتمدة لبراءات الاختراع	
إنشاء مكتب لدعم الإبتكار	مسمى المشروع (مبادرة العمادة الإستراتيجية)
1. تطوير وتحسين مخرجات البحث العلمي بالجامعة 2. تشجيع وتحفيز الباحثين بالجامعة على الإبداع والإبتكار وإنتاج البحوث المتميزة	أهداف المشروع (مبادرة العمادة الإستراتيجية)
عمادة البحث العلمي	الجهة المسؤولة
الوحدات المعنية لوزارة التعليم	الجهات المشاركة في تنفيذ المشروع (مبادرة العمادة الإستراتيجية)
ورش عمل / ندوات/ تعريف القدرات الإبتكارية للجهات المعنية للتبنى والدعم	الفعاليات العلمية
2024-2020	مدة المشروع (مبادرة العمادة الإستراتيجية)
8.0 مليون ريال سعودي	التكلفة المتوقعة للمشروع (مبادرة العمادة الإستراتيجية)

* رقم مؤشر الأداء الرئيس في الخطة الإستراتيجية الأولى للجامعة (2017-2022م) ** رقم الهدف الإستراتيجي للعمادة / مؤشر الأداء في الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة (2020-2024م)

بطاقة المبادرة الخامسة

الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة 2020-2024م	مُسمى الخطة
الهدف الثالث: عمادة البحث العلمي (تعزيز المشاركة في المشروعات البحثية التطبيقية المتطورة على المستوى المحلي، والاقليمي والدولي)	الأهداف الإستراتيجية لعمادة البحث العلمي ذات العلاقة
الهدف الخامس- جامعة بيشة "بناء منظومة بحثية علمية متطورة" المبادرة الإستراتيجية (28) - جامعة بيشة: "دعم البحوث العلمية التطبيقية"	مُسمى الهدف و المبادرة المرتبطة بالخطة الإستراتيجية للجامعة
على مستوى لجامعة: * 1- نسبة البحوث المنشورة عالميا تبعا للمستهدفات السنوية المعتمدة للنشر العلمي 7- معدل البحوث المنشورة لكل عضو هيئة تدريس 8- معدل الاقتباسات في المجلات المحكمة لكل عضو هيئة تدريس 9- نسبة التمويل الخارجي للبحوث 11- موازنة البحث العلمي للموازنة الكلية للجامعة	منظومة مؤشرات الأداء الرئيسة المرتبطة
على مستوى لعمادة: ** 1/1: عدد المعامل المستحدثة والمتطورة 2/1: عدد الاجهزة والبرامج الالكترونية التي تم توريدها 3/1: عدد الاجهزة التي تعمل بصورة جيدة 4/1: عدد البحوث المنشورة في مجلات ذات معامل تأثير عالي	
دعم البحوث التطويرية التطبيقية	مسمي المشروع (مبادرة العمادة الإستراتيجية)
1. إستحداث و تطوير المعامل البحثية العلمية 2. الصيانة الدورية للبيئات البحثية 3. الوفاء بالمتطلبات البحثية 4. دعم البحوث العلمية والدراسات التطويرية التطبيقية	أهداف المشروع (مبادرة العمادة الإستراتيجية)
عمادة البحث العلمي	الجهة المسؤولة
إدارات المشتريات/ الصيانة الداخلية و الخارجية	الجهات المشاركة في تنفيذ المشروع (مبادرة العمادة الإستراتيجية)
ورش عمل (مثل يوم البحث العلمي) ملتقيات للتعريف فرص دعم البحثية التطبيقية	الفعاليات العلمية
2024-2020	مدة المشروع (مبادرة العمادة الإستراتيجية)
30.0 مليون ريال سعودي	التكلفة المتوقعة للمشروع (مبادرة العمادة الإستراتيجية)

* رقم مؤشر الأداء الرئيس في الخطة الإستراتيجية الأولى للجامعة (2017-2022م) ** رقم الهدف الإستراتيجي للعمادة / مؤشر الأداء في الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة (2020-2024م)

بطاقة المبادرة السادسة

الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة 2020-2024م	مُسمى الخطة
الهدف الثالث: عمادة البحث العلمي (تعزيز المشاركة في المشروعات البحثية التطبيقية المتطورة على المستوى المحلي، والاقليمي والدولي)	الأهداف الإستراتيجية لعمادة البحث العلمي ذات العلاقة
الهدف الخامس- جامعة بيشة "بناء منظومة بحثية علمية متطورة" المبادرة الإستراتيجية (28) - جامعة بيشة: "دعم البحوث العلمية التطبيقية "	مُسمى الهدف و المبادرة المرتبطة بالخطة الإستراتيجية للجامعة
على مستوى للجامعة: * 6- عدد براءات الاختراع والابتكارات المسجلة مقارنة بالمستهدفات السنوية المعتمدة لبراءات الاختراع 10- عدد جوائز التميز السنوية	منظومة مؤشرات الأداء الرئيسة المرتبطة
على مستوى للعمادة: ** 2/2: متوسط معامل التأثير للابحاث العلمية المنشورة سنويا 2/3: عدد البحوث المنشورة والمؤلفات لكل باحث 5/3: عدد المنح البحثية لطلاب الدراسات العليا	
دعم أبحاث لطلاب الدراسات العليا	مسمي المشروع (مبادرة العمادة الإستراتيجية)
1. نشر ثقافة البحث العلمي بالجامعة 2. تشجيع وتحفيز الباحثين بالجامعة على الإبداع والابتكار وإنتاج البحوث المتميزة 3. تطوير وتحسين مخرجات البحث العلمي بالجامعة	أهداف المشروع (مبادرة العمادة الإستراتيجية)
عمادة البحث العلمي	الجهة المسؤولة
عمادة الدراسات العليا / كليات الجامعة العلمية والأدبية	الجهات المشاركة في تنفيذ المشروع (مبادرة العمادة الإستراتيجية)
ورش و ندوات / مطبوعات مطويات	الفعاليات العلمية
2024-2020	مدة المشروع (مبادرة العمادة الإستراتيجية)
20.0 مليون ريال سعودي	التكلفة المتوقعة للمشروع (مبادرة العمادة الإستراتيجية)

* رقم مؤشر الأداء الرئيس في الخطة الإستراتيجية الأولى للجامعة (2017-2022م) ** رقم الهدف الإستراتيجي للعمادة / مؤشر الأداء في الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة (2020-2024م)

بطاقة المبادرة السابعة

الخطة الإستراتيجية الأولى لعمادة البحث العلمي – جامعة بيشة 2020-2024م	مُسمى الخطة
الهدف الثالث: عمادة البحث العلمي (تعزيز المشاركة في المشروعات البحثية التطبيقية المتطورة على المستوى المحلي، والاقليمي والدولي)	الأهداف الإستراتيجية لعمادة البحث العلمي ذات العلاقة
الهدف الخامس- جامعة بيشة "بناء منظومة بحثية علمية متطورة" المبادرة الإستراتيجية (29) - جامعة بيشة: "الإستشارات المتخصصة (مركز)"	مُسمى الهدف و المبادرة المرتبطة بالخطة الإستراتيجية للجامعة
على مستوى للجامعة: * 1- نسبة البحوث المنشورة عالمياً تبعاً للمستهدفات السنوية المعتمدة للنشر العلمي 3- عدد المنح البحثية المدعومة سنوياً 4- نسبة رضا الجهات الخارجية عن جودة الحلول الاستشارية المقدمة لهم 9 - نسبة التمويل الخارجي للبحوث	منظومة مؤشرات الأداء الرئيسة المرتبطة
على مستوى للعمادة: ** 4/1: عدد البحوث المنشورة في مجلات ذات معامل تأثير عالي 2/2: متوسط معامل التأثير للابحاث العلمية المنشورة سنوياً 2/3: عدد البحوث المنشورة والمؤلفات لكل باحث 1/3: مقدار الدعم المالي الذي تم انفاقه سنوياً على المشاريع البحثية المنفذة 1/4: عدد الشراكات البحثية مع مختلف قطاعات المجتمع 2/4: عدد البحوث والمشاريع البحثية التي تمت بين جامعة بيشة والجامعات السعودية الاخرى	
برنامج الفرق البحثي	مسمى المشروع (مبادرة العمادة الإستراتيجية)
1. تطوير وتحسين مخرجات البحث العلمي بالجامعة 2. دعم البحوث العلمية والدراسات التطويرية التطبيقية 3. تشجيع وتحفيز الباحثين بالجامعة على الإبداع والابتكار وإنتاج البحوث المتميزة 4. فتح قنوات تواصل بين الجامعة والمجتمع الخارجية لتسويق الإنتاج البحثي 5. تنمية ودعم الشراكة الفعالة مع مختلف قطاعات المجتمع 6. تحقيق التكامل البحثي مع برامج الجامعات السعودية و الإقليمية والدولية 7. التنسيق بين الجهات المختلفة المعنية بالبحث العلمي بالجامعة	أهداف المشروع (مبادرة العمادة الإستراتيجية)
عمادة البحث العلمي	الجهة المسؤولة
ادارة العلاقات العامة با لجامعة / الوزارات المعنية	الجهات المشاركة في تنفيذ المشروع (مبادرة العمادة الإستراتيجية)
ندوات خارجية/ مطبوعات دعائية/ ورش عمل	الفعاليات العلمية
2024-2020	مدة المشروع (مبادرة العمادة الإستراتيجية)
20.0 مليون ريال سعودي	التكلفة المتوقعة للمشروع (مبادرة العمادة الإستراتيجية)

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بطاقة المبادرة الثامنة

الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة 2020-2024م	مُسمى الخطة
الهدف الرابع: عمادة البحث العلمي (المساهمة في حل المشكلات المجتمعية بطرق علمية إبداعية وأساليب بحثية تطبيقية متطورة)	الأهداف الإستراتيجية لعمادة البحث العلمي ذات العلاقة
الهدف الخامس- جامعة بيشة "بناء منظومة بحثية علمية متطورة" المبادرة الإستراتيجية (30) - جامعة بيشة: "الشراكات البحثية مع جامعات علمية مرموقة"	مُسمى الهدف و المبادرة المرتبطة بالخطة الإستراتيجية للجامعة
على مستوى للجامعة: * 9- نسبة التمويل الخارجي للبحوث	منظومة مؤشرات الأداء الرئيسة المرتبطة
على مستوى للعمادة: ** 1/4: عدد الشراكات البحثية مع مختلف قطاعات المجتمع	مسمى المشروع (مبادرة العمادة الإستراتيجية)
تعزيز وتفعيل المشاركات المجتمعية والشراكات البحثية 1. تطويرو تحسين مخرجات البحث العلمي بالجامعة 2. تشجيع وتحفيز الباحثين بالجامعة على الإبداع والإبتكار وإنتاج البحوث المتميزة	أهداف المشروع (مبادرة العمادة الإستراتيجية)
عمادة البحث العلمي	الجهة المسؤولة
الكليات، المراكز والمعاهد البحثية للجامعة	الجهات المشاركة في تنفيذ المشروع (مبادرة العمادة الإستراتيجية)
ورش عمل / ندوات / نشرات مطبوعة	الفعاليات العلمية
2024-2020	مدة المشروع (مبادرة العمادة الإستراتيجية)
23.0 مليون ريال سعودي	التكلفة المتوقعة للمشروع (مبادرة العمادة الإستراتيجية)

* رقم مؤشر الأداء الرئيس في الخطة الإستراتيجية الأولى للجامعة (2017-2022م) ** رقم الهدف الإستراتيجي للعمادة / مؤشر الأداء في الخطة الإستراتيجية الأولى لعمادة البحث العلمي - جامعة بيشة (2020-2024م)