



The Fifth Report of the Deanship of Scientific Research 1435/1436h

Speech of the Dean of Scientific Research



The Deanship of Scientific Research seeks under the leadership of the university to improve the research system and guide it to serve the society and contribute to sustainable development in the region through establishing the infrastructure of the research centers and processing the laboratories with all the possibilities and the required research expertise that leads the scientific research in the university towards achieving excellence in Different fields of research. In the year 1435/1436H, the Deanship sought to introduce a number of research initiatives and teamwork, and to encourage publication in international journals classified in prestigious international databases, in order to raise the ranking of the Majmaah University of within the universities with prestigious classifications. Part of the problems experienced by the community.

In order to establish the foundations of institutional work, the Deanship evaluates the research performance of the University on a regular basis according to a set of research performance indicators adopted by the King Abdulaziz City for Science and Technology in order to overcome the challenges required by the current stage and achieve a leap forward towards supporting and encouraging activity The research is in line with the national and regional trends in the importance of producing knowledge and the welfare industry, while working on adopting a set of operational objectives in line with the strategic plan of the Deanship which is consistent with the strategic plan of the university

Dr. Thamer Alharbi

Firstly: Activities and events

1- Holding the activities of the fourth scientific research week

Under the patronage and patronage of the Dr. Khalid bin Saad Al Muqrin, the Dean of the University, the Deanship of Scientific Research opened the activities of the fourth research week, on Monday, 23/2/1436h. The ceremony was attended by the agents, the deans of the faculties, the supporting deanships, the directors of the departments and a number of the university staff members.







2– Define beneficiaries with new programs to support scientific research

The Deanship of Scientific Research is keen on maintaining constant communication with the faculty and members of the teaching staff at the university to identify the new programs in the Deanship and overcome the obstacles and difficulties that affect the scientific research process and facilitate the researchers' tasks to achieve the desired goals. An open meeting was held with the faculty members from different disciplines, as they were introduced to the newly created programs from the Deanship:

- Program of distinguished research groups.
- Distinguished science publishing support program.
- Outstanding research support program.

A visual program was presented to explain the registration steps on the system, how to progress on the follow-up research projects, and the progress and final reports that explain the stages of the research. The discussion was opened to listen to the faculty members and to identify the obstacles facing them to support the research projects either from the university or from the

King Abdulaziz City for Science and Technology and the proposals that are working to improve scientific research and improve it at the university.



Secondly : Organizational Development

1- Open portal and project management system research

This project is an extension of the ongoing development plans of the Deanship and in line with the strategic plan of the University. A company with expertise in project management consultancy, system development services and e-services was reengineered to re-engineer the project management procedures from the moment the research project support was requested to complete the publication, Project, and then develop the portal of Deanship of e-science research on the Internet and completed all the procedures with integration with the servers (Exchange Server) and user management (AD) and the general system of project management at the University.



2- Scientific Excellence Awards

The Deanship of Scientific Research is keen on raising the quality of research, science and innovation, and appreciating and encouraging distinguished researchers at the university level. The approval of the Ministry of Higher Education has been taken to activate the excellence awards in the four fields:

- 1 Distinguished Research Award.
Award of the distinguished researcher.
- 3 Distinguished Department Award.
- 4 Innovation Award.

3- Preparing the final report of the strategic plan for Deanship 1433/1436h

The Deanship prepared the final report of the Strategic Plan for Scientific Research 1433/1436 where a detailed description of the rate of achievement of objectives and initiatives was carried out at the four dimensions of the Strategic Plan:

- First Dimension: Beneficiaries and Clients
- Second dimension: internal processes
- The third dimension: learning and growth
- Fourth dimension: financial and economic

The final report reflected the extent of the Deanship's implementation of the initiatives included in the plan, indicating the achievement rates and clarifying the main obstacles and difficulties faced by the Deanship when implementing the set of initiatives. The average achievement of goals and initiatives was 78% on average. The following table describes the overall rate of achievement of the objectives and initiatives associated with the Strategic Plan

	Number of detailed objectives	Number of initiatives completed	Number of ongoing initiatives
Beneficiaries and customers	18	2	-
Internal processes		8	4

Learning and growth		19	2
Financial and economic		4	-
Total		43	6
percentage		87%	13%

Thirdly, Supported Research Projects

1- Supporting research projects from within the university

Center	No. of supported research
Center for Human and Administrative Sciences Research	92
Research Center of Health and Scientific Colleges	26
Research Center of Engineering and Applied Sciences	6
Basic Science Unit	72
Total	196

Table (1): Number of research projects provided for support

center	Research projects for support				
	1431/1432	1432/1433	1433/1434	1434/1435	1435/1436
Center for Human and Administrative Sciences Research	33	64	84	108	92
Research Center of Health and Scientific Colleges	22	32	32	36	26
Research Center of Engineering and Applied Sciences	18	33	13	12	6
Basic Science	-	-	26	32	72

Unit					
Total	73	129	156	188	196

Table (2): Comparison of research projects provided for support in research centers

2- Obtain external support for research projects

The Deanship established the external support unit to provide support to faculty members for research funded by foreign funding bodies and to follow up the implementation of these researches according to the time plan set and the amounts allocated as a research budget. Five research projects have been supported by King Abdulaziz City for Science and Technology (KACST) for faculty members at a budget exceeding one million riyals.

3- Signing contracts for research projects for the fifth cycle

The Vice-President for Graduate Studies and Scientific Research sponsored the signing ceremony for the fifth cycle of research projects supported for the academic year 1435/1436, organized by the Deanship of Scientific Research in the presence of the directors of the research centers and a number of faculty members and researchers.





Fourth: Programs of communication with Beneficiaries

1-Holding scientific meetings with faculty members to encourage scientific research

- **Organizing a training workshop to introduce the project management program**



- Hold an open meeting with the faculty members of the Faculty of Education and the College of Science in Zulfi



- Hold an open meeting with faculty members at the Faculty of Science and Humanities



Fifth: The research output of the Majmaah University

1- Publication of research production in international journals

Number of scientific papers published in ISI

Year	NO.
2010	4
2011	9
2012	26
2013	46
2014	67
2015	124
Total	279

2- Scientific Research Performance Indicators

The Deanship adopted the scientific research performance indicators issued by King Abdulaziz City for Science and Technology in 1434/1435h

AH as a basis for measuring the performance of research during the academic year 1435/1436h. The following indicators were used to measure the research performance of the university:

- The published research rate in the fields of science and technology
- The number of scientific journals published for each full-time faculty member
- Percentage of faculty members who have at least one researched research in the previous year.
- Patent rate.
- Patents in strategic areas.
- Published strategic research rate.
- Number of joint research projects with other universities.
- The rate of researchers in fields of science and technology.
- Research from outside sources in the previous year was a proportion of the number of full-time faculty members.
- The total rate spent on research in the fields of science and technology.
- The total rate spent on research.

The following table shows the results of the measurement of research performance indicators at the Majmaah University .

Results of the measurement of research performance indicators at the Majmaah University 1435/1436h

Performance Index	Concept and method of measuring the indicator	Measure the indicator
The published research rate in the	The number of research papers	150 divided by 250 =60%

fields of science and technology	published in the fields of science and technology is measured according to the total number of published researches published in all fields	
The number of scientific journals published for each full-time faculty member	Full-time faculty members are those who are university professors who are at the rank of Associate Professor at least. The index is measured by dividing the number of research published in refereed court journals by the number of university faculty members who are at the rank of Assistant Professor Academy at least.	from the information provided, the measurement of the indicator is: $250 \div 399 = 0.64$ Published research for each faculty member
Percentage of faculty members who have at least one researched research in the previous year	The index is measured by dividing the number of faculty members who have at least one controlled research divided by the number of faculty members of the university who are at the rank of assistant professor at least	from the information provided, the measurement of the indicator is: $81 \div 399 = 20\%$
Patent rate.	Is measured by dividing the number of patents in the university divided by the total number of faculty members of the university who are at the rank of Assistant Academic Assistant at least.	1:399
Patents in strategic areas.	Strategic areas are scientific disciplines in science and technology	1
Published strategic research rate	Measured by the division of research in the field of science and technology divided by the total number of research in different disciplines	
Number of joint research projects with other universities.	What is meant by joint research is research between university staff and other Saudi and non-Saudi universities	$150 \div 250 = 60\%$
The rate of researchers in fields of science and technology.	The index shall be calculated by the number of faculty members who are at the rank of Assistant Academic Assistant at least in the fields of science and technology divided by the number of faculty members of the university who are at the rank of assistant professor at least	The number of joint researches 62, of which 17 with Saudi universities, and 45 with non-Saudi universities
Research from outside sources in the previous year was a proportion of the number of full-time faculty members.	By dividing external sources in the previous year, the proportion of full-time faculty members who are at the rank of Associate Professor is lower.	$117 \div 399 = 29\%$
The total rate spent on research in the fields of science and technology.	Is calculated through the amount of support provided by the Deanship to support research in the fields of science and technology divided by the total support allocated by the Deanship to support research in various fields.	Million riyals divided by 399 faculty members = 2546 riyals per faculty member (Income from Sheikh Abdul Mohsen Al-Tuwaijri for stroke)
The total rate spent on research.	Calculated through the amount of support provided by the Deanship to support research in all areas divided by the total budget of the University	Two million riyals divided by 950 million = 0.0021 riyals

3- Comparison of indicators of the performance of scientific research in the university

Majmaa University has achieved a good position and progress in the field of research compared to other universities

According to the report issued by King Abdulaziz City for Science and Technology in cooperation with the Thomson Foundation, "Rowe Ters", on the indicators of the performance of research for scientific institutions in the Kingdom during the period from 2008 to 2012. According to the report, Majmaah University has achieved progress in international publishing, especially in the fields of engineering, physical sciences and mathematics, and in the outputs of disciplines related to life sciences such as biology, clinical, medical and health sciences, where it obtained a reference citation rate of 0.85, 1.00, while the rate obtained by King Saud University. 0.99

This new scientific addition to Al Majmaah University proves that the university is moving in the right direction to achieve competitiveness in the field of scientific research.

4- Building a research database published at the university

The Deanship sought to build a database of published research for the university staff to be available on the site

Electron and is used to disseminate scientific research and definition, and achieve this through the mile:

- Utilizing a research system to limit research supported by the university.
- Cooperating with the Deanship of Library Affairs in the construction of a digital repository that provides data on published research for university staff.

Sixth: Problems and obstacles and future development visions of the Deanship

1- Problems and obstacles faced by the Deanship

Of course, there are some problems, obstacles and difficulties encountered in the process of development in the Deanship, and have been treated and overcome by the grace of God and the support of the leadership of the University and on top of the unlimited support to the Director of the University. The following table summarizes these problems and obstacles and how to treat them:

Problems and obstacles	Ways to treat problems and obstacles
There is no limit to the production of science for faculty members of the university by their scientific departments	<ul style="list-style-type: none"> - Issuing the manual of intellectual production of faculty members at the Majmaah University . - Training trainees to create personal pages to limit their intellectual production to Google Scholar
Lack of encouragement for faculty members at the university level	The Ministry of Higher Education has been approved by the Ministry of Higher Education to activate the excellence awards in four fields: distinguished researcher, distinguished research, distinguished science, creativity and innovation.
Do not direct some research to contribute to overcoming societal problems	<ul style="list-style-type: none"> -Redrawing the map of the scientific research in the university in accordance with the strategic directions, and in connection with each of the plans of the Ministry of Higher Education in the Kingdom and plans of King Abdul Aziz City for Science and Technology. - Launch of research priorities 1435/1440 e in light of the communication with the local community surrounding the university in order to achieve an integrative system to link the needs of colleges and community and scientific research in line with the strategic plan.
Lack of communication programs with beneficiaries	<ul style="list-style-type: none"> - Holding scientific meetings in colleges in the provinces where there are branches of the University, in order to extend bridges of communication, and encourage scientific research. - Open an account on Twitter. - Open an account on Facebook.

2 - Future development visions of the Deanship

The Deanship of Scientific Research at the University has a clear vision and a specific mission to develop the intellectual production of faculty members and research centers, improve its tools, and work to overcome difficulties for researchers. The future development visions of the Deanship can be presented as follows:

- The formation of distinguished research groups, which includes researchers from the specialized disciplines to produce quality research.
- Implementation of the establishment of a central building for the research centers of the university in the site of one place, with the completion of the necessary equipment.
- Completion of the establishment of specialized research laboratories affiliated to the research centers.
- Contribute to support studies aimed at developing administrative organization at the university level.
- Visits to a number of distinguished bodies in support of the scientific research movement both inside and outside the Kingdom, with memorandums of understanding with local, regional and international universities for cooperation in the field of scientific research.
- Holding workshops for government units and departments to spread the culture of scientific research and its role in solving the problems of society.
- Preparation of a database on local and global conferences.
- Holding agreements between university research centers and their counterparts in different universities.