

## Executive plan for scientific research for the Department of Chemistry

1443-1444

### ***Introduction:***

Scientific research is one of the most important objectives of the department, college, and university. The Department of Chemistry has distinguished faculty members in various fields of research that participate in many initiatives funded by the Deanship of Scientific Research at the university, international cooperation projects funded by the Ministry of Education, and institutional funding projects supported by the Ministry of Education. The department's researchers have won many international publishing awards over the past years.

The Department of Chemistry, distinguished by international research cooperation with research groups from multiple countries, enriches the scientific output and pushes the university's classification to a higher level. International scientific cooperation through research and joint projects is an excellent addition to the department. It allows the exchange of knowledge, which is reflected in scientific and research progress in line with the modern and improved world

The vision of the Department of Chemistry is to enhance the academic programs and connected them with Scientific Research to serve as a guide for academic and scientific activities that can be invested to support and develop Scientific research and innovations.

## Executive plan for scientific research for the Department of Chemistry

ITEM	Department	Collage	Universitiy	Compatibility
<b>Vision</b>	The Department of Chemistry seeks to be a pioneer in the field of education, scientific research	Access to excellence in education, scientific research and community service in	Excellence in teaching and research, and dissemination of knowledge to serve the	Excellence in Scientific Research at the local, regional an global levels

	and community service at the local, regional and global levels.	accordance with national and international standards.	homeland, Islam and humanity.	
<b>Mission</b>	The department is committed to preparing distinguished graduates in Chemistry who can join the labor market by providing them with the basic and Applied Chemistry Sciences, refining their scientific and intellectual skills, and preparing highly qualified researchers who can innovate to achieve the mission of the College and the University.	Provide distinguished academic programs accredited in fundamental sciences and their applications to qualify national cadres to meet the requirements of development and plans to localize technology in order to contribute effectively to the development of scientific research and community service.	Offering high-quality academic programs and conducting high-impact research through a stimulating environment, well-governed administrative systems, advanced technology, sustainable resources, and effective partnerships to achieve competitive outputs that would meet the needs of the labor market and contribute in building knowledge economy and serving the local and global community.	<p>1- Conducting high-impact Scientific Research through a stimulating environment, well-governed administrative systems, advanced technology, and well-developed infrastructures.</p> <p>2- Effective partnerships, nationally and internationally, through DSR Initiatives to achieve competitive outputs that would contribute to building a knowledge economy and serving the local and global community.</p>

## Objectives:

- 1- Encouraging Faculty members and researchers to innovate.
- 2- Strengthening the research infrastructure and providing a stimulating environment for research.
- 3- Enhancing cooperation between the Chemistry department with other college and university departments in the scientific research fields.
- 4- Encouraging Scientific research to meet emerging societal needs, by contributing to addressing the problems that the community suffers from, and serving development in the Kingdom.
- 5- Supporting Scientific accumulations in the department's specializations by caring for research fields by Encouraging them to apply for DSR Initiatives (Research projects Research Groups, and International partnerships).

Objective	Program/Initiatives/Activities	Responsible of Action	KPI	target performance level	Implementation timeline
Encouraging Faculty members and researchers to innovate.	<ol style="list-style-type: none"> <li>1- Supporting the attendance of scientific conferences and seminars.</li> <li>2- Reducing the teaching load of a faculty member.</li> </ol>	Head of The Department	<ol style="list-style-type: none"> <li>1-Number of Conferences and Seminars attended</li> <li>2-Number of Publication in Q1 and Q2 Scientific Periodicals</li> </ol>	<ol style="list-style-type: none"> <li>1-Attending a conference for each Researcher</li> <li>2-Number of Scientific Seminars in the Department (<b>22</b>)</li> <li>3-Number of Publications in Q1 and Q2 (<b>170</b>)</li> </ol>	1443-1444 (depending on Funds from DSR initiatives)
Strengthening the research	<ol style="list-style-type: none"> <li>1- Strengthening research facilities and equipment.</li> </ol>	Head of The Department	<ol style="list-style-type: none"> <li>1- Number of Scientific Research Labs</li> </ol>	<ol style="list-style-type: none"> <li>1- Number of new labs added with good types of</li> </ol>	

<p>infrastructure and providing a stimulating environment for research.</p>				<p>equipment (2 LABS)</p>	
<p>Enhancing cooperation between the Chemistry department with other college and university departments in the scientific research fields.</p>	<p>1- Joint Research group program. 2- Joint Research projects funded by DSR/IMSIU. 3- Postgraduate students support program.</p>	<p>Head of The Department</p>	<p>1-Number of Joint Research groups 2-Number of Joint Research projects funded by DSR/IMSIU. 3-Postgraduate students support program.</p>	<p>1- Number of Joint Research groups (6) 2-Number of Joint Research projects funded by DSR/IMSIU.(4) 3-Postgraduate students support program.(2)</p>	
<p>Encouraging Scientific research to meet emerging societal needs, by</p>	<p>1- Institutional Finance program. 2- Research group program.</p>	<p>Head of The Department</p>	<p>1- Number of Institutional Finance program.</p>	<p>1- Institutional Finance program (5)</p>	

<p>contributing to addressing the problems that the community suffers from, and serving development in the Kingdom</p>	<p>3- Encourage obtaining support from external parties through cooperation with the industrial sector.</p> <p>4- Enhancing participation in research priority program.</p> <p>5- Supporting postgraduate students' projects with applied priority.</p>		<p>2- Research group program.</p> <p>3- Encourage obtaining support from external parties through cooperation with the industrial sector.</p> <p>4- Enhancing participation in research priority program.</p> <p>5- Supporting postgraduate students' projects with applied priority</p>	<p>2- Research group program (18)</p> <p>3- support from external parties through cooperation with the industrial sector (1)</p> <p>4- Enhancing participation in research priority program.(4)</p> <p>5- Supporting postgraduate students' projects with applied priority (1)</p>	
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<p><b>Supporting Scientific accumulations in the department's specializations by caring for research fields by Encouraging them to apply for DSR Initiatives (Research projects Research Groups, and International partnerships).</b></p>	<p>1-International Partnership Program  2-Publication incentive program  3-Research group program.  4-Research projects program.</p>	<p>Head of The Department</p>	<p>1- International Partnerships Program  2-Publication incentive program  3-Research groups program  4-Research projects program</p>	<p>1-Number International Partnerships Program (5)  2-Number Publication incentive program (40)  3- Number Research groups program (18)  4-Research projects program (4)</p>	
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