

## Community service plan BSc. Physics Program 2020-2021

**Mission :** Preparing educationally qualified graduates and contributing to scientific research in the field of physics and its applications to serve and develop society.

### The goals:

1. Providing educational outcomes compatible with academic accreditation standards.
2. Providing a distinguished academic environment in the field of physics.
3. Preparing scientifically qualified graduates in the field of physics and its applications to meet the needs of the labor market.
4. Providing consultations in the field of physics to serve the community.
5. Providing distinguished scientific and applied research in the field of physics

## Executive plan

Providing consultations in the field of physics to serve the community.

Executive objective	Objectives	Outcomes	Activities and procedures	Time frame		Responsible for implementation	Responsible for Follow up	Performance indicator (PI)
				Start	End			
Activating the community participation of faculty members for community service	Presenting workshops and training to serve the community	Report of the workshops and training presented to the community	Introduce a training entitled <ol style="list-style-type: none"> <li>1. "The Effects of Pollution: The Effectsof Pollution on the Environment</li> <li>2. "Scientific Research"and it's importance</li> <li>3. "Iranian nuclear program 29/6/2021 Truth, Capacity and Dangers, such as theissue of number</li> <li>4. Interpretation the SaudiArabia has made progress in legislation</li> </ol>	29/9/2020	29/6/2021	Faculty members in the department	Communit y Service Committ ee	Percentage of faculty members that participate in the scientific activities that serve the community

			and nuclear infrastructure and is qualified to benefit from peaceful energy by an article in Opinions on the Gulf magazine on the occasion of the 40th anniversary of the establishment of the Gulf Cooperation Council entitled					
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		Report of	the use of					Percentage of
Activating the participation of students to serve the community	Participate of student in the scientific activities to serve the community	participation of student in community and national events	1. Explaining the use of the Mendeley program in managing references and citations in research and thesis 2. Explain the skills of presenting research and posters in an interesting and useful manner to undergraduates and graduates students	29/9/2020	29/6/2021	Faculty members in the department	Community Service Committee	student who attended the scientific activities to serve the community

Participate of student in sport tournaments organized by college and university to serve the community	Report of participation of student in sport tournaments organized by college and university to serve the community	Share in sporting events by organized by college and university to serve the community.	29/9/2020	29/6/2021	Faculty members in the department	Community Service Committee	Percentage of participation of student in sport tournaments organized by college and university to serve the community
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<p>Diversifying the sources of educational culture and linking the student's scientific concepts to the problems of society and the surrounding environment</p>	<p>Improving the rate of community initiatives programs in the college</p>	<p>Report of the number of workshop presented to the students</p>	<p>Encourage faculty members and students to present a community programs and initiatives at the college:</p> <p>Skills for presenting research and posters at conferences.</p>	<p>1/9/2021</p>	<p>1/6/2022</p>	<p>community service committee Faculty members Program student</p>	<p>community service committee</p>	<p>Percentage of faculty members that participate in the scientific activities that serve the community</p>
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## Community service Report B.Sc. Physics Program 2021-2020

### Report Content

- 1- Mission and objectives
- 2- Plan objective and executives
- 3- Description
- 4- KPIs report
- 5- Action Plan
- 6- Action Plan Progress Report

## 1- Mission:

Preparing educationally qualified graduates and contributing to scientific research in the field of physics and its applications to serve and develop society.

## Objective of the program

1. Providing educational outcomes compatible with academic accreditation.
2. Providing a distinguished academic environment in the field of physics teaching.
3. Preparing scientifically qualified graduates in the field of physics and its applications to meet the needs of the labor market.
4. Providing consultations in the field of physics to serve the community.
5. Providing distinguished scientific and applied research in the field of physics

## 2- Plan objective and executives

Activating the community participation of faculty members for community service.

Activating the participation of students to serve the community.

Diversifying the sources of educational culture and linking the student's scientific concepts to the problems of society and the surrounding environment.



### 3- Description

According to the needs analysis the following programs have been performed.

- The Physics program and the community service committee emphasizes supporting the relationship between the department and all sectors of society and its institutions by providing academic and professional training and educational programs for members of the community of different specializations, interests and educational levels.
- The Community Service Committee prepares a complete plan for the activities and community services provided by the department (85 % Male and 70 % Female) and students (80 % Male and 85 % Female) are encouraged to participate in these initiatives.
- For this purpose, many training programs and public, educational and awareness lectures have been implemented for individuals and different groups of society such as an article entitled "Views in the Gulf Magazine" was presented on the occasion of the fortieth anniversary of the founding of the Gulf Cooperation Council on 29 June 2021. In addition, on the occasion of environment week, the topic of radioactive pollution's consequences on the environment was also covered on 22 March 2021, in addition to many other initiatives.
- Also, the committee conducts a survey of the beneficiaries of the services provided by the department for community service in order to make improvement plans for the presented plan.

#### 4- KPIs report:

*PI-CSPI 1 : Percentage of faculty members that participate in the scientific activities that serve the community.*

*PI-CSPI 2: Percentage of the participation of student in the scientific activities to serve the community.*

*PI-CSPI 3: Percentage of the participation of student in sport tournaments organized by college and university to serve the community.*

<i>PI-CSPI 1 : Percentage of faculty members that participate in the scientific activities that serve the community</i>					
<i>Actual Benchmark</i>			<i>Target Benchmark</i>	<i>Internal Benchmark 2021-2020</i>	<i>New Target Benchmark</i>
<i>Female</i>	<i>Male</i>	<i>Program</i>			
80 %	70%	70%	60%	60%	75%

<i>PI-CSPI 2: Percentage of the participation of student in the scientific activities to serve the community</i>					
<i>Actual Benchmark</i>			<i>Target Benchmark</i>	<i>Internal Benchmark 2021-2020</i>	<i>New Target Benchmark</i>
<i>Female</i>	<i>Male</i>	<i>Program</i>			
85 %	80%	80%	60%	60 %	85 %

**PI-CSPI 3: Percentage of the participation of student in sport tournaments organized by college and university to serve the community.**

Actual Benchmark			Target Benchmark	Internal Benchmark 2021-2020	New Target Benchmark
Female	Male	Program			
60%	90%	80%	% 80	% 70	85%

**Analysis:**

The results indicate that of the percentage of faculty member that participate in the scientific activities that serve the community has been increased and reached 70 % , and the value of the target performance indicator (60%) has been achieved. Based on the analysis of the indicator's development, the target performance indicator value will be increased. The value of the new target indicator is (75 % ). The second actual performance indicator of the percentage of the participation of student in the scientific activities to serve the community has been increased and reached 75 % , and finally, the actual performance indicator of percentage the actual performance indicator of the participation student in sport tournaments organized by college and university to serve the community been reached 80 %.

## Strengths;

- 1- Female section: It is clear from the value of the actual performance indicator of the percentage of faculty member that participate in the scientific activities that serve the community in the last year has achieved and exceeded the value of both the target performance indicator value, and the value of the internal Benchmark.
- 2- Male section: The community services provided by the program are diverse and a variety of activities have been held, including courses and scientific lectures, directed to students and the community.

## Weaknesses

The community service committee made a great effort in Community Partnership, despite the faculty members being busy with other tasks

## Recommendations

Considering the current circumstances of COVID-19 coronavirus, most of the community partnership and social activities which are commonly held by the program are postponed this year.

## 5- Action Plan (For next year)

Recommendations	Procedures	Outputs	Responsible	Period	
				Start	End
<p><b>Female section:</b></p> <p>Providing counseling to numbers of the community</p>	<p>Present consultation to serve the community:</p> <p>The importance of using renewable energy as an alternative source to cover electricity in mosques in Jouf region.</p> <p>2- The reality and future of the transition towards renewable energy in the agricultural sector in Jouf</p>	<p>Report on the consultations provided to the community</p>	<p>Faculty members and Community Service Committee</p>	<p>23/8/2021</p>	<p>06/06/2022</p>

<b>Male section:</b> Increase the number of research paper that serve the community	Present research paper group that serve the community	Report on the research paper that serve the community	Faculty members and Community Service Committee	<b>23/8/2021</b>	<b>06/06/2022</b>
<b>Male section:</b> Present a research project and groups that serve the community	Present a research project and groups that serve the community	Report on the research project and groups that serve the community	Faculty members and Community Service Committee	<b>23/8/2021</b>	<b>06/06/2022</b>

Presenting workshop for the students to serve the community	<p>Attending and Participation in the workshops to serve the community:</p> <p>1 - National Day Celebrations</p> <p>2 - Seventh Anniversary Celebrations.</p> <p>3- The nature of the researcher and scientific research and its ethics</p>	Report of participation in community and national events	Faculty members and Community Service Committee	<b>23/8/2021</b>	<b>06/06/2022</b>
Activating periodic questionnaires to survey the views of the beneficiaries about the services provided by the program to the community	Achieving effective participation and community satisfaction with the program	Report on the survey the views of the beneficiaries about the services provided by the program to the community	Faculty members and Community Service Committee	<b>23/8/2021</b>	<b>06/06/2022</b>

## 6- Action Plan Progress Report (action plan for previous year)

Recommendations	Procedures	Outputs	Responsible	Completed	
Introduce society initiatives that explain the use of ion beam technology	workshops and training presented to the community	Report of the workshops and training presented to the community	Faculty members and Community Service Committee	Yes	<a href="#">Evidence 1</a>
Educational lecture presenting to the community: Techniques for detecting scientific plagiarism	workshops and training presented to the community	Report of the workshops and training	Faculty members and Community Service Committee		<a href="#">Evidence 2</a>



Work shop that presenting the physics day	Work shop that presenting the physics day	Report of the workshops of physics day	Faculty members and Community Service Committee	yes <a href="#">Evidence 3</a>	
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### Physics Program Community Service Report Approval Data

Council/ Comittee	Physics Department Members
Reference No.	Department Minutes No. (29. 1442)
Date	2021/05/04- 1442/09/22