

Community service Report B. Sc. Physics Program 2021-2022

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1- Mission and objectives

Mission:

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

Objectives:

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.

2- Plan objective and executives

Activating the community participation of faculty members for community service

Activating the community participation Students for community service

Strength the relation with the society through the agreements

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 presenting a various consultation to serve the community (0 Male and 2 Female) such as a academic and professional training and educational programs for members of the community of different specializations, interests and educational levels. Where the faculty members, in cooperation with the Jouf Association for Renewable Energy, presented a workshop entitled the importance of using renewable energy as an alternative source to cover electricity in mosques in Jouf region on monday 06/06/2022. In addition to another workshop entitled The reality and future of the transition towards renewable energy in the agricultural sector in Jouf region, which was established on sunday 05/06/2022. The program also offers a number of community initiatives annually (4 Male and 4 Female) that contribute to community development and awareness. In addition, the program present a number of published paper related to the society needs (0 % Female and 38.5 % Male) and a supported research groups related to the surrounding community (22.22 % Female and 100 % Male). 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 (4.11 Female and 4.42 Male).

In the other hand, the staff member present a number of graduate project presented to the students (50 % Female and 40 % Male) and related to the society need and the students participate in various national and social events (64 % Female and 14 % Male).

4- KPIs report:

PI-CSPI 1 : Number of consultations provided to the society.

PI-CSPI 2: Number of initiatives community presented to the local society needs.

PI-CSPI 3: The percentage of published articles related to the local society needs..

PI-CSPI 4 : -Percentage of supported research groups related to the surrounding community to total number of supported research groups in the program.

PI-CSPI 5: Beneficiaries' satisfaction with the community services provided by the physics programs.

PI-CSPI 6: Beneficiaries' satisfaction with The program works on diagnosing the problems of the local community and providing appropriate solutions in light of its specialization.

PI-CSPI 7: Percentage of students' graduate projects related to the surrounding community.

PI-CSPI 8: The ratio of attending student's in national and social events.

PI-CSPI 9: Number of educational partnerships with similar programs in reputable educational institutions.

4-KPIs report:

<i>PI-CSPI 1 : Number of consultations provided to the society</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>			
0	2	2	2	2	3

<i>PI-CSPI 2: Number of initiatives community presented to the local society needs.</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>			
4	4	8	4	4	5

PI-CSPI 3: The percentage of published articles related to the local society needs..

Actual Benchmark			Target Benchmark	Internal Benchmark 2021-2020	New Target Benchmark
Female	Male	Program			
0 %	38.5 %	38.5%	50%	50 %	60%

PI-CSPI 4 : -Percentage of supported research groups related to the surrounding community to total number of supported research groups in the program.

Actual Benchmark			Target Benchmark	Internal Benchmark 2021-2020	New Target Benchmark
Female	Male	Program			
22.22%	100%	100%	50%	70 %	80%

PI-CSPI 5: Beneficiaries' satisfaction with the community services provided by the physics programs.

Actual Benchmark			Target Benchmark	Internal Benchmark 2021-2020	New Target Benchmark
Female	Male	Program			
4.11	4.42	4.26	4	4	4.5

PI-CSPI 6: Beneficiaries' satisfaction with The program works on diagnosing the problems of the local community and providing appropriate solutions in light of its specialization.

Actual Benchmark			Target Benchmark	Internal Benchmark 2021-2020	New Target Benchmark
Female	Male	Program			
3.75	4.32	4.03	4.2	4	4.5

PI-CSPI 7: Percentage of students' graduate projects related to the surrounding community

<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>			
50 %	40%	45 %	35 %	40 %	40 %

PI-CSPI 8: The ratio of attending student's in national and social events.

<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>			
64.6 %	14.5 %	52.5 %	50 %	55 %	55 %

PI-CSPI 9: Number of educational partnerships with similar programs in reputable educational institutions.

<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>			
0	0	0	2	2	2

Strengths :

Female section:

The presence of workshop for the students to serve the community.

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

The presence of a periodic questionnaires to survey the views of the beneficiaries about the services

Male section:

The presence of various counseling to numbers of the community

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.

The participation in organizing scientific conferences that serve the community

Areas for Improvement:

Female section : Increase the number of consultations presented to the community.

Male section: Present more participation in national events that serve the community

Priorities for Improvement:

Female section: Participation in community service through training courses and conferences

Male section: The presence of employers in the advisory council

5- Action Plan (For next year)

Recommendations	Procedures	Outputs	Responsible	Period	
				Start	End
Male Section: Increasing the number of employers present in the advisory council	The participation of the external community and employers in making and taking decisions related to the department	Report on the participation of the external community and employers in making and taking decisions related to the department	Faculty members and Community Service Committee	1/9/2022	20/6/2023
Female Section: Motivate participants in community service by providing subscriptions to training courses or conferences and honoring them in events	Students' participation in community service through training courses and conferences	Report on the training courses or conferences presented to the community	Faculty members and Community Service Committee	1/9/2022	20/6/2023

<p>Female section: Students' participation in community service through field visits to institutions</p>	<p>Encouraging students to make field visits to institutions that serve the community</p>	<p>Report of participation of students in community service through field visits to institutions</p>	<p>Faculty members and Community Service Committee</p>	<p>1/9/2022</p>	<p>20/6/2023</p>
<p>Participation of male and female students in scientific conferences that serve the community</p>	<p>Encouraging male and female students to participate in organizing scientific conferences that serve the community</p>	<p>Report of the participation off students in scientific conferences that serve the community</p>	<p>Faculty members, Students and Community Service Committee</p>	<p>1/9/2022</p>	<p>20/6/2023</p>

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

Recommendations	Procedures	Outputs	Responsible	Completed
Female section: Providing counseling to numbers of the community	Present consultation to serve the community	Report on the consultations provided to the community	Faculty members and Community Service Committee	Evidence 1
Male section: 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	Evidence 2
Male section: 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	Evidence 3

Presenting workshop for the students to serve the community	Attending and Participation in the workshops to serve the community	Report of participation in community and national events	Faculty members and Community Service Committee	Evidence 4	
Activating periodic questionnaires to survey the views of the beneficiaries about the services	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	Faculty members and Community Service Committee	Evidence 5	

provided by the program to the community		the community			
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7- Report Approval Data

Council / Committee	PHYSICS DEPARTMENT MEMBERS
Reference No.	DEPARTMENT MINUTES NO. (25/1443)
Date	20/11/1443 -19/06/2022