KPI Report

College: College of Applied Medical Sciences

Program: Respiratory Therapy

Year: 2024

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1. Introduction

Key performance indicators (KPIs) exhibit a key role in performance measurement. KPIs evaluate the success of an organization or of a particular activity (such as projects, programs, products and other initiatives) in which it engages. The Commission has developed a set of Key Performance Indicators (KPIs) for use in evaluating quality. Key Performance Indicators are extensive analysis of program achievement evaluating the strategic goals that lead to effective implementation of program mission and vision. The program management gathers the information derived from records that reveal the actual situation of the program and assess the collective information with internal and external benchmarks, those work as a tool for future improvements. On the basis of surveys conducted by the quality assurance unit of the respiratory therapy Department under the norms of National Commission for Academic Accreditation & Assessment (NCAAA) standards with mentioned key performance indicators all benchmarks calculated. All surveys were conducted under the supervision of program statistical specialists and all data collected from authentic administration departments and alumni etc. Respiratory therapy Program (RT) assessed a total of 11 key performance indicators (KPI's) for the year 2024. RT program has collaboration contract for internal benchmarking between Physiotherapy Program, College of Applied Medical Science, Jazan University. External benchmarks collaborated with faculty of medicine; University of Dammam and those indicators are published to be available in the official website. Finally, the present year KPI's are compared with 2023 and 2022 academic year KPI's to understand the indices trend.

2. Tabulated data

(Please add program strategic plan KPIs below the NCAAA ones)

Code	Indicator	2022	2023	Current value 2024	Target (Last year)	Internal benchmark	External benchmark	New Target (For next year)
KPI-P-01 STD3	Students' Evaluation of quality of learning experience in the program	3.8	4.6	3.38	4	3.37		4
KPI-P-02 STD3	Students' evaluation of the quality of the courses	4.3	4.59	4.47	4.5	4.22		4.5
KPI-P-03 STD3	Completion rate	68%	71%	96.9%	70.0%	70%		97%
KPI-P-04 STD3	First-year students retention rate	95%	87.0%	96.9%	90.0%	95%		97%
KPI-P-05 STD3	Students' performance in the professional and/or national examinations	Not Applicable as no professional examination applied	Not Applicable as no professional examination applied	Not Applicable as no professional examination applied	-	-	-	-
KPI-P-06 STD3	Graduates' employability and enrolment in postgraduate programs	100.0%	100%	100.0%	100.0%	60%		100.0%
KPI-P-07 STD3	Employers' evaluation of the program graduate's proficiency	4	4	4	3.7	4.5		4.2
KPI-P-08 STD5	Ratio of students to teaching staff	Male: 44.2/1	Male: 22/1	Male: 21/1	20.0	13.91	0.0	20.0
KPI-P-09 STD5	Percentage of publications of faculty members	Male: 75.0% Female: 100% Overall: 87.5%	Male: 100% Female: 100% Overall: 100%	Male: 57% Female: 50% Overall: 56%	100%	78%		60%
KPI-P-10 STD5	Rate of published research per faculty member	Male: 8.2 Female: 1 Overall: 7/1	Male: 9.6 Female: 2 Overall: 7.4/1	Male: 5.29 Female: 1.5 Overall: 4.44/1	7.5/1	3.06/1	0.0	5/1
KPI-P-11 STD5	Citations rate in refereed journals per faculty member	Male: 3 Female: Overall: 3/1	Male: 14.4 Female: 3.5 Overall: 13.67/1	Male: 23.73 Female: 4 Overall: 22.25/1	14/1	4.5/1	0.0	23/1

3. KPI Analysis

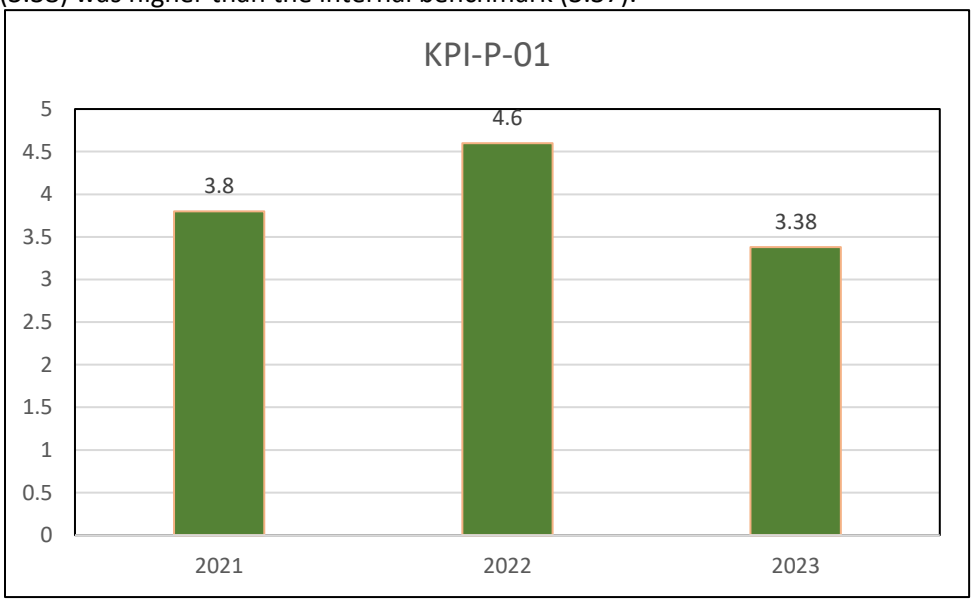
***KPI*: 1** **Code: KPI-P-1**

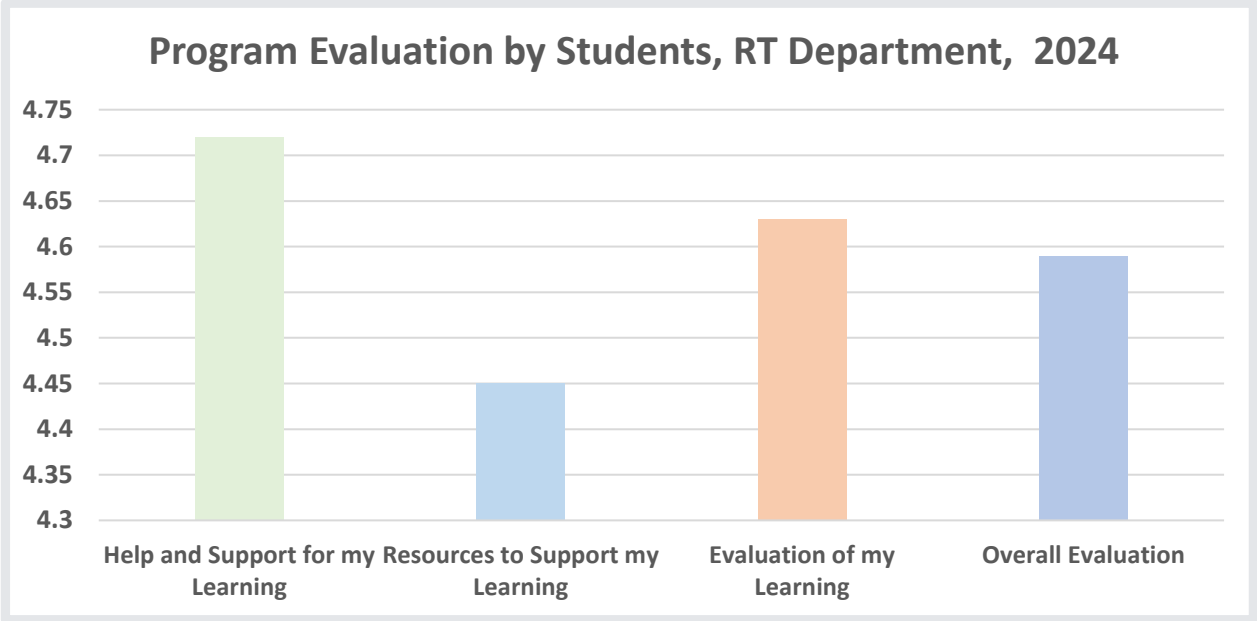
Students' Evaluation of quality of learning experience in the program.

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
3.38	4	3.37	0.0		4

Analysis (strengths and recommendations):

The analysis of the Students' Evaluation of quality of learning in the program for 2023 revealed that the result was 4.6. The overall result indicates that the acutal benchmark 3.38 was less than the target benchmark (4) was achieved. The overall results for 2022, 2023 and 2024 were 4, 4.6 and 3.38, respectively. As shown in the graph for the overall yearly results, the data trend for the three years shows a positive slope. Compared with the last year (2023), the overall result for the current year (2024) indicates good progress but not achieving achieving the target benchmark. Therefore, the new target benchmark should be the same for last year. Comparing the overall result for the current year (2024) with the internal , our result (3.38) was higher than the internal benchmark (3.37).





Strengths:

- This KPI showed progress and a positive fluctuated trend.
- Instructors demonstrated strong expertise and knowledge.
- The program significantly enhanced communication skills and problem-solving abilities.
- Academic and career counselling services provided robust support to students.
- The program delivered relevant learning outcomes for future careers
- Course registration and students' grades submission are accomplished electronically via the Edugate system.
- Availability of well-equipped labs and lecture halls.
- Students are able to criticize the program policy through many official channels.
- The scientific information and practices are aligning with field level.

Areas of Improvement:

- English language skills development programs for students.
- Learning facilities for the student purpose in the program.
- Suitable restaurants and buffets need to be arranged at the college level

Recommendation:

- Recommended to the program management, to make an arrangement for extra classes for English language skills development.
- Recommended to arrange a computer lab for the student purpose in the program.
- Suitable restaurants and buffets need to be arranged at the college level.

1. **Why was this internal benchmark provider chosen?**

Department of Physiotherapy, Faculty of Applied Medical Sciences, Jazan University is full accredited department and was chosen as an internal benchmark. The source of data was from the office of the

Academic Affairs Physiotherapy Department, which maintains students' data. The internal benchmark was used to compare similar processes within the college which could be defined and measured as an endeavor to learn from our own framework. Since it is program specific accreditation, the internal benchmark has to be carried out using the past two year's trend data as stipulated by the NCAAA.

2. How was the benchmark calculated?

Average of overall rating of the final year students for the quality of learning experience in the program on a five- point scale in an annual survey. The overall score was calculated based on the average of responses to all items in the questionnaire. Since this survey was conducted in the year 2021-2021.

3. Name of the internal benchmark provider.

Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

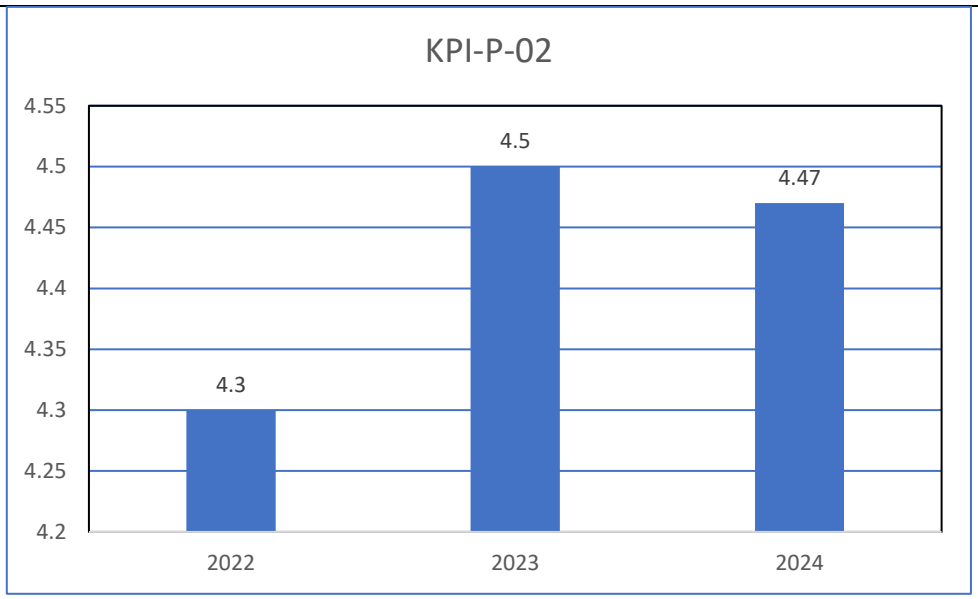
***KPI*: 2** **Code: KPI-P-2**

Students' evaluation of the quality of the courses.

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
4.47	4.5	4.22			4.5

Analysis (strengths and recommendations):

The analysis revealed a slight decline in the overall course quality evaluation by students, with 2024 showing 4.47 compared to 4.5 in 2023. While the result is still above the internal benchmark of 4.22, it falls just short of the target benchmark of 4.5. The trend from previous years (2021: 4.0, 2022: 4.3, 2023: 4.59) indicated consistent progress until this year, where results stabilized with a minor drop. This highlights the need for targeted improvements to sustain upward trends and meet future benchmarks.



Strengths:

- Educational Effectiveness: Courses demonstrated strong performance, with most ratings above 4.0 in terms of clarity of course outlines and alignment with learning objectives.
- Instructor Support and Enthusiasm: Instructors were commended for their availability, enthusiasm, and preparedness, with average scores frequently above 4.3.
- Resource Availability: Textbooks, library resources, and technology use were rated highly, indicating adequate resource provisioning.
- Engagement and Encouragement: Students reported feeling encouraged to ask questions and participate actively, with scores above 4.0 in most cases.
- General Satisfaction: Overall satisfaction scores remained high, averaging between 4.2 and 4.5 across courses.

Areas of Improvement:

- Assessment Timeliness and Fairness: Some courses received scores between 3.5 and 3.9, indicating areas where we can improve feedback timeliness and grading consistency.
- Workload Concerns: A few courses received moderate scores (around 3.8) regarding workload, suggesting a need to balance assignments with credit hours.
- Skill Development Gaps: Domains such as teamwork and problem-solving skills had occasional lower averages (~3.9), reflecting areas that require enhancement.

Recommendation:

- 1. Strengthen Assessment Practices: We plan to implement stricter timelines for providing feedback and ensure rubrics for grading are clear and consistent.
- Enhance Learning Activities: We aim to incorporate more interactive and group-based activities to build teamwork and problem-solving skills.
- Monitor Workload: We will conduct periodic reviews to ensure course workload aligns with student expectations and credit hour policies.

- Professional Development for Instructors: We intend to offer training sessions on modern teaching strategies, use of technology, and student engagement techniques.
- Resource Expansion: We are committed to continuing investment in updated learning materials and library resources to support evolving course requirements.
- Focus on CLOs and PLOs Alignment: Review course learning outcomes (CLOs) and ensure alignment with program learning outcomes (PLOs) to improve assessment strategies and avoid redundancy.
- Expand Feedback Channels: Introduce diverse feedback methods such as interviews, focus groups, and debates to gather deeper insights into student needs and suggestions.
- Continuous Monitoring: Establish regular review cycles for KPI performance and course evaluations to address concerns proactively and sustain improvements.

***Explanation:**

1. **Why was this internal benchmark provider chosen?**

Department of Physiotherapy, Faculty of Applied Medical Sciences, Jazan University is full accredited department and was chosen as internal benchmark. The source of data was from the office of the Academic Affairs Physiotherapy Department, which maintains students' data. The internal benchmark was used to compare similar processes within the college which could be defined and measured as an endeavor to learn from our own framework. Since it is program specific accreditation, the internal benchmark has to be carried out using the past two year's trend data as stipulated by the NCAAA.

2. **How was the benchmark calculated?**

   Average students overall rating for the quality of courses on a five-point scale in an annual survey.

3. **Name of the internal benchmark provider.**

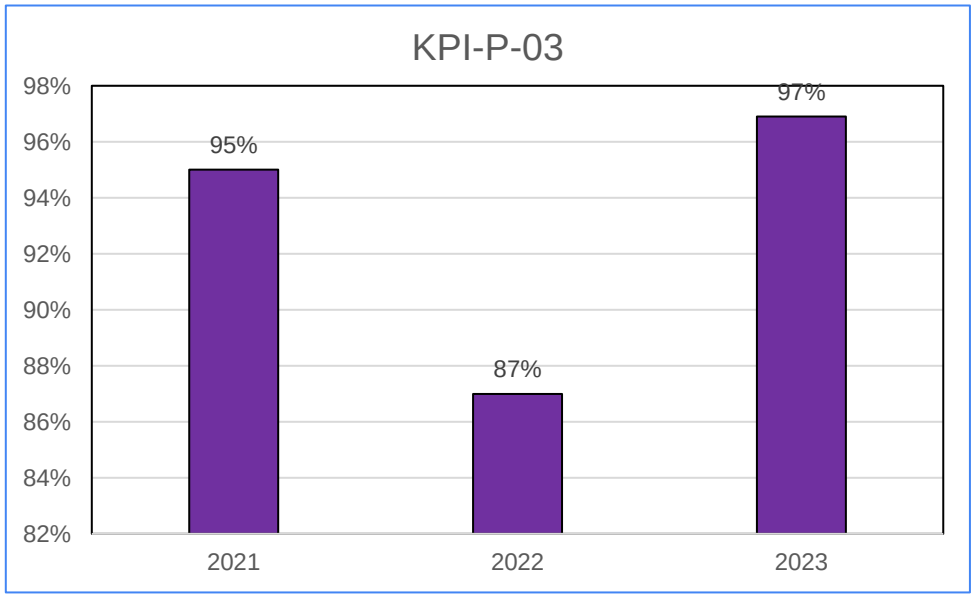
Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

***KPI*: 3** **Code: KPI-P-3**
Completion rate

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
96.9%	70%	70%	0.0%		97%

Analysis (strengths and recommendations):
The analysis of the Completion Rate for 2023 revealed that the result was 96.6%. The overall result indicates that the target benchmark (70.00%) was achieved. The overall results for 2022, 2023 and

2024 were 68%, 71% and 96.9%, respectively. As shown in the graph for the overall yearly results, the data trend for the three years shows a positive slope. Compared with the last year (2023), the overall result for the current year (2024) indicates progress and achievement of the target benchmark. Therefore, the new target benchmark should be increased to (97%). Comparing the overall result for the current year (2024) with the internal and external benchmarks, our result (96.9%) was higher than the internal benchmark (70%).



Strengths:

● This KPI showed progress and achievement of the target benchmark as well as a positive fluctuated trend.

● This KPI was higher than the internal benchmark.

Areas of Improvement:

- Program accountability policy should require quality unit to report a number of types of dropout, graduation, and completion rates
- Rates that are used for accountability should be carefully structured and reported in ways that minimize bias resulting from student mobility and subgroup definitions.
- Accountability policy should require the program to set and meet meaningful progress goals for improving their graduation and dropout rates.

Recommendation:

- Program should produce a comprehensive completion rate that includes all forms of completion in each level and its reasons.

- This rate should be used as a supplemental indicator to the four-year graduation rate, which should continue to be used as the primary indicator for gauging program performance.
- Annual report for the completion rate should be discussed in the departmental meeting and discuss either the progress or the decline

***Explanation:**

1. **Why was this internal benchmark provider chosen?**

Department of Physiotherapy, Faculty of Applied Medical Sciences, Jazan University is full accredited department and was chosen as internal benchmark. The source of data was from the office of the Academic Affairs Physiotherapy Department, which maintains students' data. The internal benchmark was used to compare similar process within the college which could be defined and measured as an endeavor to learn from our own framework. Since it is program specific accreditation, the internal benchmark has to be carried out using the past two year's trend data as stipulated by the NCAAA.

2. **How was the benchmark calculated?**

Proportion of undergraduate students who entered RT program and successfully completed program in minimum time divided by total number of student's enrollment in the program in specified year X 100.

3. **Name of the internal benchmark provider.**

Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

***KPI*: 4** **Code: KPI-P-4**

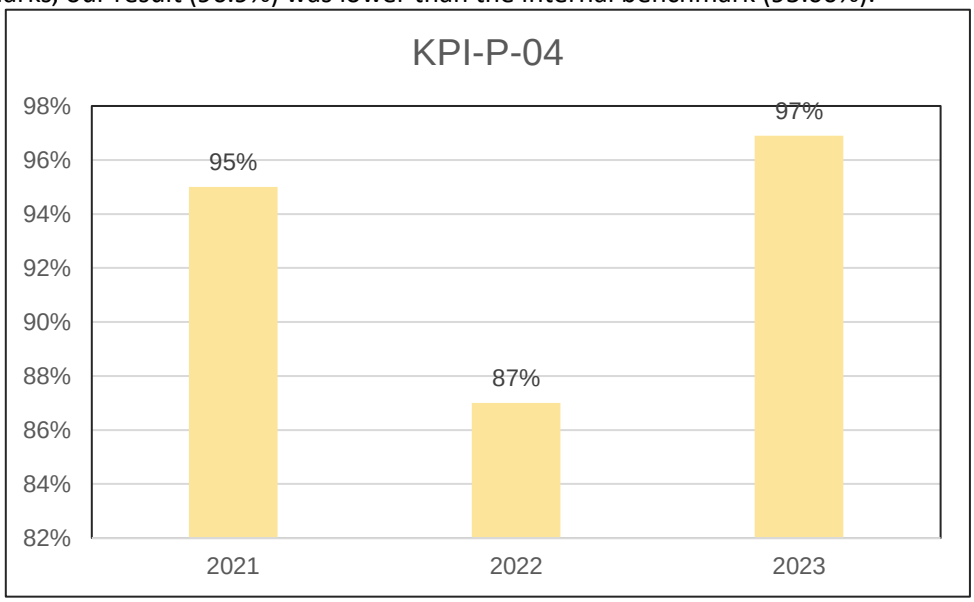
First-year students retention rate

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
96.9%	90.0%	95.00%	0.0%		97%

Analysis (strengths and recommendations):

The analysis of the First-Year Students Retention Rate for 2023 revealed that the result was 87%. The overall result indicates that the target benchmark (90.00%) was not achieved. The overall

results for 2022, 2023 and 2024 were 95.00%, 87% and 96.9%, respectively. As shown in the graph for the overall yearly results, the data trend for the three years shows a positive slope. Compared with the last year (2023), the overall result for the current year (2024) indicates progress and achievement the target Benchmark. Therefore, the new target benchmark should be incresed at (97.00%). Comparing the overall result for the current year (2024) with the internal and external benchmarks, our result (96.9%) was lower than the internal benchmark (95.00%).



Strengths:

- Clear study plan with teaching hours.
- Clearness rules and regulation governing student's behavior

Areas of Improvement:

● This KPI did not achieve the target benchmark and showed a declining trend compared with the last year.

● This KPI was lower than the internal benchmark.

Recommendation:

- RT should collectively develop policies and practices that encourage student's enrollment and persistence during their participation.
- RT should conduct a survey to understand the retentions reasons
- RT should have a specific goal for its first- year to second year retention rate.

***Explanation:**

1. **Why was this internal benchmark provider chosen?**

Department of Physiotherapy, Faculty of Applied Medical Sciences, Jazan University is a fully accredited department and was chosen as an internal benchmark. The source of data was from the

office of the Academic Affairs Physiotherapy Department, which maintains students' data. The internal benchmark was used to compare similar processes within the college which could be defined and measured as an endeavor to learn from our own framework. Since it is program specific accreditation, the internal benchmark has to be carried out using the past two year's trend data as stipulated by the NCAAA.

2. **How was the benchmark calculated?**

It is the percentage of first- year undergraduate students who continue at the program the next year to the total number of the first- year students in the same year.

Retention Rate = No. of first- year students who continue to next year X 100

Total number of the first year in the same year

3. **Name of the internal benchmark provider.**

Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

***KPI*: 5** **Code: KPI-P-5**

Students' performance in the professional and/or national examinations

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
Not Applicable as no professional examination applied	-	Not Applicable as no professional examination applied	-		-

Analysis (strengths and recommendations):

Not Applicable as no professional examination applied

Strengths:

-

Areas of Improvement:

Recommendation:

-

***Explanation:**

1. **Why was this internal benchmark provider chosen?**

Department of Physiotherapy, Faculty of Applied Medical Sciences, Jazan University is full accredited department and was chosen as internal benchmark. The source of data was from the office of the Academic Affairs Physiotherapy Department, which maintains students' data. The internal benchmark was used to compare similar process within the college which could be defined and measured as an endeavor to learn from our own framework. Since it is program specific accreditation, the internal benchmark has to be carried out using the past two year's trend data as stipulated by the NCAAA.

2. How was the benchmark calculated?

Percentage of students or graduates who were successful in the professional or national examinations, or their score average and median. The overall score was calculated based on the average of responses to licensure exam questions in the questionnaire, by different alumni's, in an annual survey.

3. Name of the internal benchmark provider.

Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

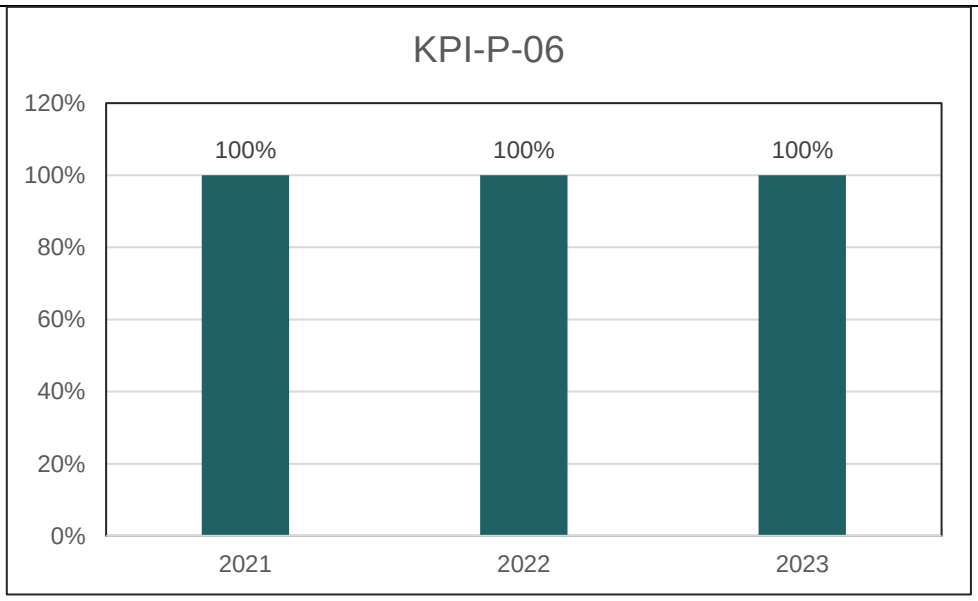
***KPI*: 6** **Code: KPI-P-6**

Graduates' employability and enrolment in postgraduate programs

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
100.0%	100.0%	65.0%			100.0%

Analysis (strengths and recommendations):

The analysis of the Proportion of graduates who employed or enrolled in further study for 2022 revealed that the result was 100%. The overall result indicates that the target benchmark (100.00%) was achieved. The overall results for 2022, 2023 and 2024 were 100.00%, 100.00% and 100.00%, respectively. As shown in the graph for the overall yearly results, the data trend for the three years shows a stable slope. Compared with the last year (2023), the overall result for the current year (2024) indicates similar performance. Therefore, the new target benchmark should be increased to (100.00%). Comparing the overall result for the current year (2024) with the internal and external benchmarks, our result (100.00%) was higher than the internal benchmark (60.00).



Strengths:

- This KPI was higher than the internal benchmark.
- Competent graduates in the field of respiratory therapy.
- Advanced curriculum which enhances the students to develop knowledge and skills, as per the recent trends in the relevant fields.
- Proper employability rate for the program indicates the appropriate outcomes
- Proper postgraduate enrollment rate specifies the increase rate of the competition in the local labor market.

Areas of Improvement:

- Developing of alumni database is a need
- More students' surveys participation
- Surveys reform for more clarification

Recommendation:

- Maintain a proper database of the students.
- Encourage all alumni to participate in the surveys.
- More clear questions in the survey to differentiate between the internship and employability rate.

***Explanation:**

***Explanation:**

1. **Why was this internal benchmark provider chosen?**

Department of Physiotherapy, Faculty of Applied Medical Sciences, Jazan University is full accredited program and was chosen as internal benchmark. The source of data was from the office of the Academic Affairs Physiotherapy Department, which maintains students' data. The internal benchmark was used to compare similar process within the college which could be defined and measured as an endeavor to learn from our own framework. Since it is program specific accreditation, the internal benchmark has to be carried out using the past two year's trend data as stipulated by the NCAAA.

2. How was the benchmark calculated?

Percentage of graduates from the program who within a year of graduation were:

- Employed
- Enrolled in postgraduate programs

The graduate's employability benchmark was calculated as the total number of employed graduates to the total number of graduates

3. Name of the internal benchmark provider.

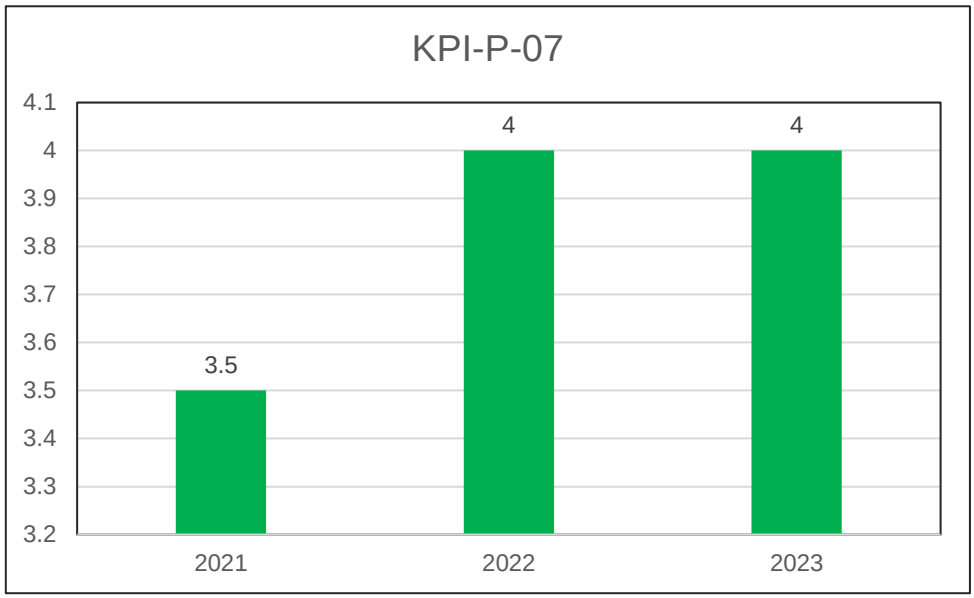
Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

***KPI*: 7** **Code: KPI-P-7**
Employers' evaluation of the program graduates proficiency

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
4	3.7	4.5			4.2

Analysis (strengths and recommendations):
The analysis of the Employers' evaluation of the program graduate's proficiency for 2023 revealed that the result was 4. The overall result indicates that the target benchmark (3.70) was not achieved. The overall results for 2022, 2023 and 2024 were 3.5, 4 and 4, respectively. As shown in the graph for the overall yearly results, the data trend for the three years shows a positive slope. Compared with the last year (2023), the overall result for the current year (2024) indicates similar performance. Therefore, the new target benchmark should be changed at (4.2). Comparing the

overall result for the current year (2024) with the internal and external benchmarks, our result (4) was close to the internal benchmark (4.5).



Strengths:

- This KPI showed progress and achievement of the target benchmark as well as increasing trend.
- This KPI was higher than the internal benchmark.
- A strong correlation was found between employers and graduates.
- A high percentage of students indicated in almost every category they thought they were proficient.

Areas of Improvement:

- Connect all the practical courses in the 12th level to be affiliate with field work

Recommendation:

- Actually, understanding the skills necessary for a given job.
- Training programs to develop student skills, prior to employment

***Explanation:**

1. Why was this internal benchmark provider chosen?

Department of Physiotherapy, Faculty of Applied Medical Sciences, Jazan University is full accredited program and was chosen as internal benchmark. The source of data was from the office of the Academic Affairs Physiotherapy Department, which maintains students' data. The internal benchmark was used to compare similar process within the college which could be defined and measured as an endeavor to learn from our own framework. Since it is program specific

accreditation, the internal benchmark has to be carried out using the past two year's trend data as stipulated by the NCAAA.

2. How was the benchmark calculated?

The overall score was calculated based on the average of the overall rating of employers for the proficiency of the program graduates on a five-point scale in an annual survey.

3. Name of the internal benchmark provider.

Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

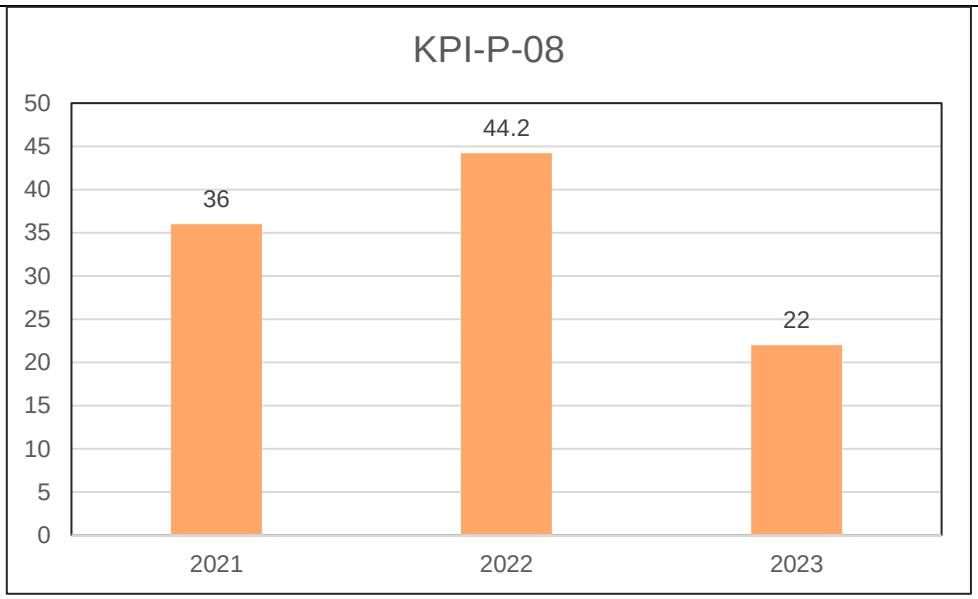
***KPI*: 8** **Code: KPI-P-8**

Ratio of students to teaching staff

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
22	20.0	15.7	20.0		20

Analysis (strengths and recommendations):

The analysis of the Ratio of students to teaching staff for 2023 revealed that the result was 35. The overall result indicates that the target benchmark (20.00) was not achieved. The overall results for 2022, 2023 and 2024 were 36, 44.2 and 22, respectively. As shown in the graph for the overall yearly results, the data trend for the three years shows a positive slope. Compared with the last year (2023), the overall result for the current year (2024) indicates decline with no progress to meet the target Benchmark. Therefore, the new target benchmark should be the same as last year (20.00). Comparing the overall result for the current year (2024) with the internal and external benchmarks, our result (22) was higher than the internal benchmark (13.91).



Strengths:

This KPI showed progress and achievement of the target benchmark

. **Areas of Improvement:**

● This KPI did not achieve the target benchmark

● This KPI was higher than the internal benchmark.

Recommendation:

- Recruitment of the faculty to be initiated for filling up faculty positions.
- Seek the help of faculty outside the department for sharing the workload

***Explanation:**

1. **Name of the internal benchmark provider.**

   Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

2. **Why was this internal benchmark provider chosen?**

Department of Physiotherapy, Faculty of Applied Medical Sciences, Jazan University is full accredited program and was chosen as internal benchmark. The source of data was from the office of the Academic Affairs Physiotherapy Department, which maintains students' data. The internal benchmark was used to compare similar process within the college which could be defined and measured as an endeavor to learn from our own framework. Since it is program specific accreditation, the internal benchmark has to be carried out using the past two year's trend data as stipulated by the NCAAA.

3. **How was the benchmark calculated?**

(Number of students / numbers of full-time faculty or equivalent) * 100)

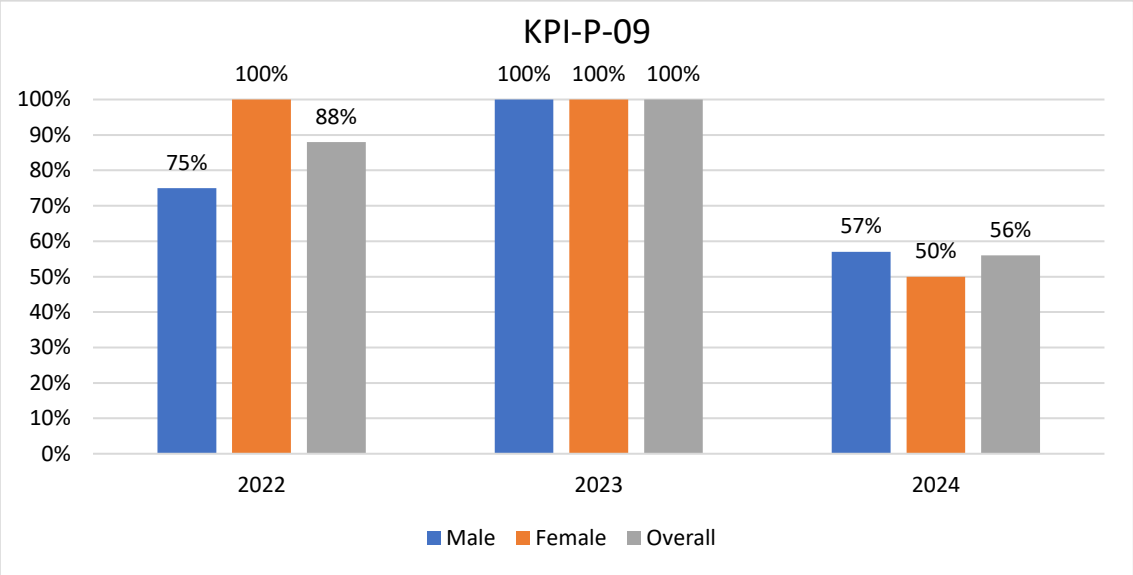
***KPI*: 09** **Code: KPI-P-09**

Percentage of publications of faculty members

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
56%	100%	78%			60%

Analysis (strengths and recommendations):

The analysis of the Percentage of publication of faculty members for 2024 revealed that the results for male, female and the overall were 57%, 50% and 56%, respectively. The result for males was higher than for females. The overall result indicates that the target benchmark (40.00%) was achieved. The overall results for 2022, 2023 and 2024 were 87.5%, 100% and 56%, respectively. The reduction in publication rate was due to joining of 2 faculty members to the department. As shown in the graph for the overall yearly results, the data trend for the three years shows a negative slope. Compared with the last year (2023), the overall result for the current year (2024) indicates decline in performance. Therefore, the new target benchmark should be changed to (60%). Comparing the overall result for the current year (2024) with the internal and external benchmarks, our result (56%) was lower than the internal benchmark (78%).



Strengths:

RT department contains skilled teaching staff well experienced in their respective Research fields.

Areas of Improvement:

- Staff needs technical and financial support for publications

Recommendation:

- Increase in number funding projects is required.

- Increase in Number of labs with advanced facilities is required to carry out Advanced research projects.
- Orientation of the staff regarding the research activities of the university.
- Disseminate research award related information with faculty members

***Explanation:**

1. **Name of the internal benchmark provider.**

   Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

2. **Why was this internal benchmark provider chosen?**

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3. **How was the benchmark calculated?**

The percentage of faculty members who published at least one research during the year from the total number of faculty members

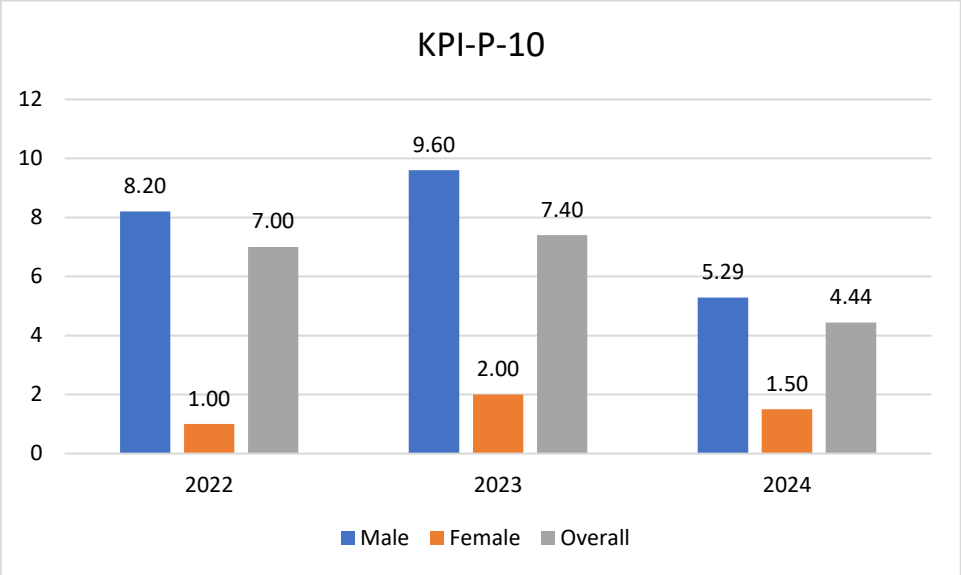
***KPI*: 10** **Code: KPI-P-10**

Rate of published research per faculty member

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
4.44/1	7.5/1	3.06/1			5/1

Analysis (strengths and recommendations):

The analysis of the Rate of published research per faculty member for 2024 revealed that the result for male, female and the overall were 5.29, 1.5 and 4.44, respectively. The result for males was higher than for females. The overall result indicates that the target benchmark (7.5) was not achieved. The overall results for 2022, 2023 and 2024 were 7, 7.4 and 4.44, respectively. As shown in the graph for the overall yearly results, the data trend for the three years shows a negative slope. Compared with the last year (2023), the overall result for the current year (2024) indicates decline and did not achievement of the target benchmark. Therefore, the new target benchmark should be reduced to (5). Comparing the overall result for the current year (2024) with the internal and external benchmarks, our result (4.44) was higher than the internal benchmark (3.06).



Weaknesses

- **The of publication decline due to joining 2 new faculty member with no publication yet.**

Strengths:

- High research potential among the staff as the department has several experienced researchers.
- Department members demonstrate leadership in their respective fields of specialization.

Areas of Improvement:

- Establish research groups in the program and propose funded research.
- Program research club should be settled.
- More program seminars implementation
- Invite active faculty staff to present their experiences.

Recommendation:

- Better support for faculty research to be extended by the research committee.
- Initiation of research seminar series
- University should hasten the process of research grants and incentive scheme.

***Explanation:**

Name of the internal benchmark provider.

Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

2. Why was this internal benchmark provider chosen?

Department of Physiotherapy, Faculty of Applied Medical Sciences, Jazan University is full accredited program and was chosen as internal benchmark. The source of data was from the office of the Academic Affairs Physiotherapy Department, which maintains students' data. The internal benchmark was used to compare similar process within the college which could be defined and measured as an endeavor to learn from our own framework. Since it is program specific accreditation, the internal benchmark has to be carried out using the past two year's trend data as stipulated by the NCAAA.

3. How was the benchmark calculated?

Total number of refereed and / or published research to the number of full-time faculty members or equivalent during the year.

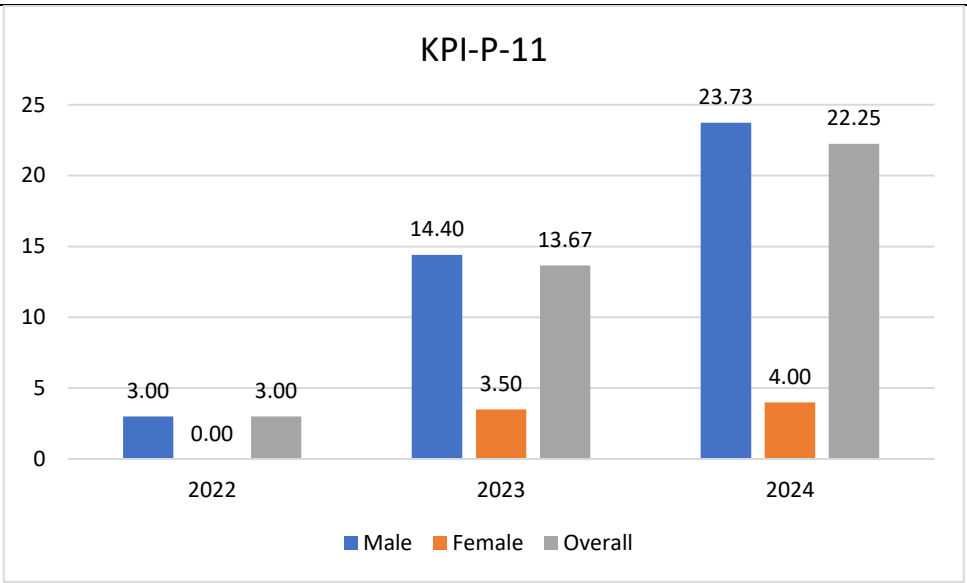
***KPI*: 11** **Code: KPI-P-11**

Citations rate in refereed journals per faculty member

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**		New Target Benchmark
22.25/1	14/1	4.5/1			23/1

Analysis (strengths and recommendations):

The analysis of the Rate of citation in refereed journals per faculty member for 2024 revealed that the result for male, female and the overall were 23.73, 4 and 22.25, respectively. The result for males was higher than for females. The overall result indicates that the target benchmark (5) was achieved. The overall results for 2022, 2023 and 2024 were 3, 13.67 and 22.25, respectively. As shown in the graph for the overall yearly results, the data trend for the three years shows a positive slope. Compared with the last year (2023), the overall result for the current year (2024) indicates high progress and achievement of the target benchmark. Therefore, the new target benchmark should be increased to (23). Comparing the overall result for the current year (2024) with the internal and external benchmarks, our result (22.25) was higher than the internal benchmark (4.5).



Strengths:

- The improvement in the number of citations for the staff publications is very remarkable.
- Department's research database is up to date with details of research, funding, publication and citation

Areas of Improvement:

- A strategy needs to be followed by targeting journals with high impact factor for publications since such journals are the most likely to help in research citation.

Recommendation:

- Research grants and funding can be increased for the staff to increase research and publication

The staff members can be advised to choose ISI rated journals for their publications.

***Explanation:**

1. **Name of the internal benchmark provider.**

   Physiotherapy Department, College of Applied Medical Sciences, Jazan University.

2. **Why was this internal benchmark provider chosen?**

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3. How was the benchmark calculated?

Number of times faculty publications were cited / total number of published papers.