



جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
كلية التمريض | College of Nursing

College of Nursing

Standard 10 – Research

Key Performance Indicators (N=4)

&

Evidence

2017

Report on “KPIs of Standard 10 – Research”

KPI # S10.1: Number of refereed publications in the previous year per full time equivalent teaching staff.

NCAAA KPI Reference Number: **S10.1**

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0.58	0.38	0.25	NIL	0.87

Analysis

- There is a significant increase in the publication ratio over the years which shows a significant growth of scientific research at College of Nursing.
- The numerator of this KPI contains the number of refereed publications and the denominator includes the number of faculty i.e., assistant professors, associate professors & professors.
- The data was collected for the past five calendar years since 2011. While comparing the data of previous three years i.e., from 2013 to 2015, the internal benchmark was fixed as 0.25 by taking the average of the last three years' data. Since the previous year publication ratio was 0.34 (for the calendar year 2015), the committee decided to keep the target as 1 for the academic year 2015-16, which is slightly higher than the internal benchmark as 0.38. After considering the current year performance, internal & external benchmark, the committee decided to keep a challenging target as new target benchmark for the forthcoming calendar year 2017. During the year 2016 (January to December), 22 articles have been published which shows 37% increase over 2015 (14 articles) and 82% increase over 2013 publications (4 publications). The ongoing research plan and the continuous motivation of the college administration and the university encourage the faculty members to reach the challenging new target benchmark of the year 2017 (0.87).

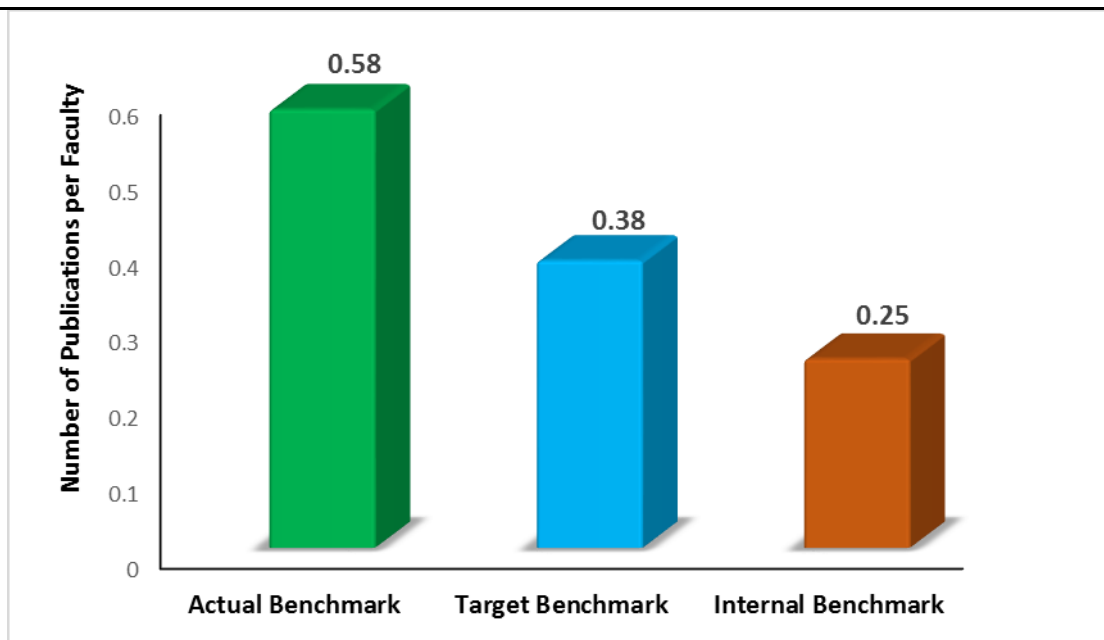


Figure 1: Comparison of benchmarks in relation to number of refereed publications per teaching faculty at College of Nursing during the year 2016 (Jan – Dec).

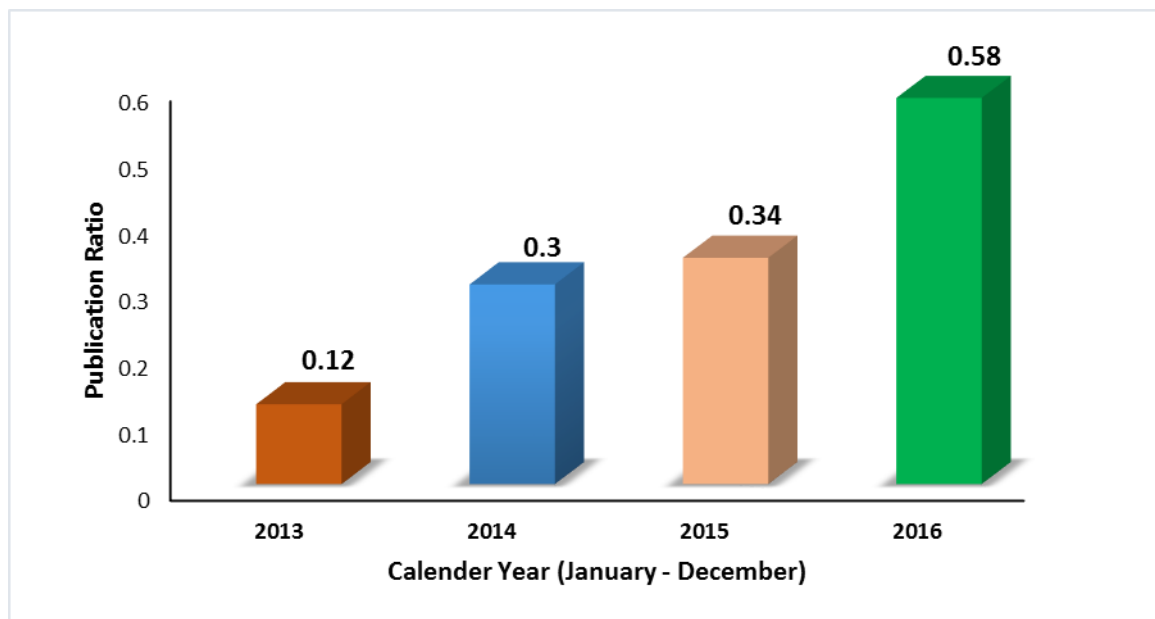


Figure 2: Trend showing the publication ratio of the faculty members of College of Nursing from 2013 to 2016 (Jan – Dec)

Strengths:

- It is highly evident to see a substantial growth in terms of number of refereed

publications and in the publication ratio of College of Nursing from 2011 through 2016.

- Both the sections of teaching staff are actively involved in research and publications

Recommendation:

- In order to improve the current year publication ratio beyond 0.80 and the faculty members should be encouraged to focus on proposed new target benchmark.
- The college should motivate all the faculty members by financial and non-financial rewards to achieve high quality publications.
- External benchmark is recommended to compare actual benchmarks to similar programs at international level.

*** Explain:**

1. Why this internal benchmark provider was chosen?

The only source to collect the publication data was from the Vice Deanship for Postgraduate Studies and Scientific Research of the college who maintains the year wise publication data for all the faculty members.

2. How was the benchmark calculated?

- The ratio was calculated by dividing the total number of refereed publications by the total number of teaching faculty members (Assistant Professors, Associate Professors & Professors). Moreover, the publication ratio for Internal Benchmark was calculated by considering the ratio of 2013, 2014 and 2015. Since the scientific databases update its contents through Gregorian year (January to December), all the publication data were measured for the Gregorian years 2013 to 2016.
- The target benchmark for the year 2016 was fixed by adding 50% to the internal benchmark to the existing internal benchmark data. Since the target was achieved, the new target benchmark was fixed as 0.87 which is the addition of 50% of actual benchmark value to the existing actual benchmark data.

3. Name of the internal benchmark provider.

The Vice deanship for Postgraduate Studies and Scientific Research of College of Nursing.

**** Explain:**

1. Why this external provider was chosen?

N/A

2. How was the benchmark calculated?

N/A

3. Name of the external provider.

N/A

KPI # S10.2: Number of Citations in refereed journals in the previous year per fulltime equivalent faculty members.

NCAAA KPI Reference Number: **S10.2**

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
1.37	1.2	0.80	NIL	1.71

Analysis

- There is a progressive growth in the citation ratio of CON and it is apparently evidencing the gradual increase of high quality publications.
- The numerator of this KPI includes the number of citations received for the particular year and the denominator comprises the total number of assistant, associate and full professors working in CON.
- The data was collected for the past five calendar years since 2011. The internal benchmark was fixed at 0.80 by taking the average of the last three years' data (cumulative citations from 2013 through 2015). Since the internal benchmark was 0.80 and the previous year citation cumulative citation ratio was 1.2 (Calendar year 2015), the committee decided to keep the same as the target benchmark for the year 2015, which is 50% higher than the internal benchmark (0.80). After considering the current year performance, internal & external benchmark, the committee decided to keep the new target benchmark as 1.71 for the ongoing calendar year 2017 (Jan – Dec). For the year 2016, the number of citations per faculty is 1.37. Although this appears to be little greater than the previous year value (1.2), while considering the quality of publications and the time taken by the articles to get cited, the new target benchmark was fixed at 1.71 which is the addition of 25% of

actual benchmark to the existing actual benchmark data. Although the number of citations are updated on daily basis, there is always an existence of a latent period to come up with the actual number of citations. Due to this phenomena, the committee did not directly compare the publication ratios of the current year with the previous year.

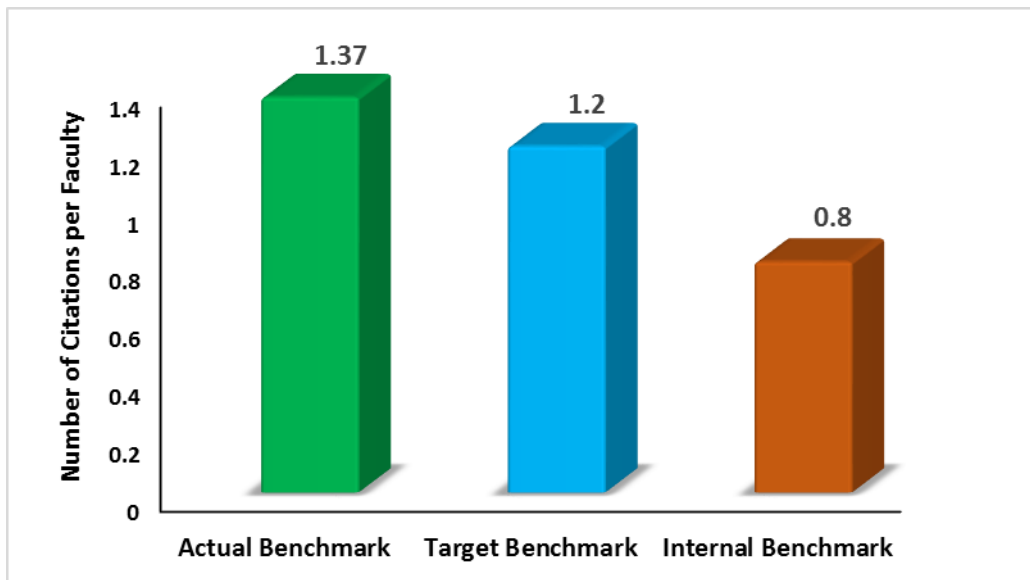


Figure 3: Comparison of benchmarks in relation to number of citations in refereed journals in the previous year per teaching faculty

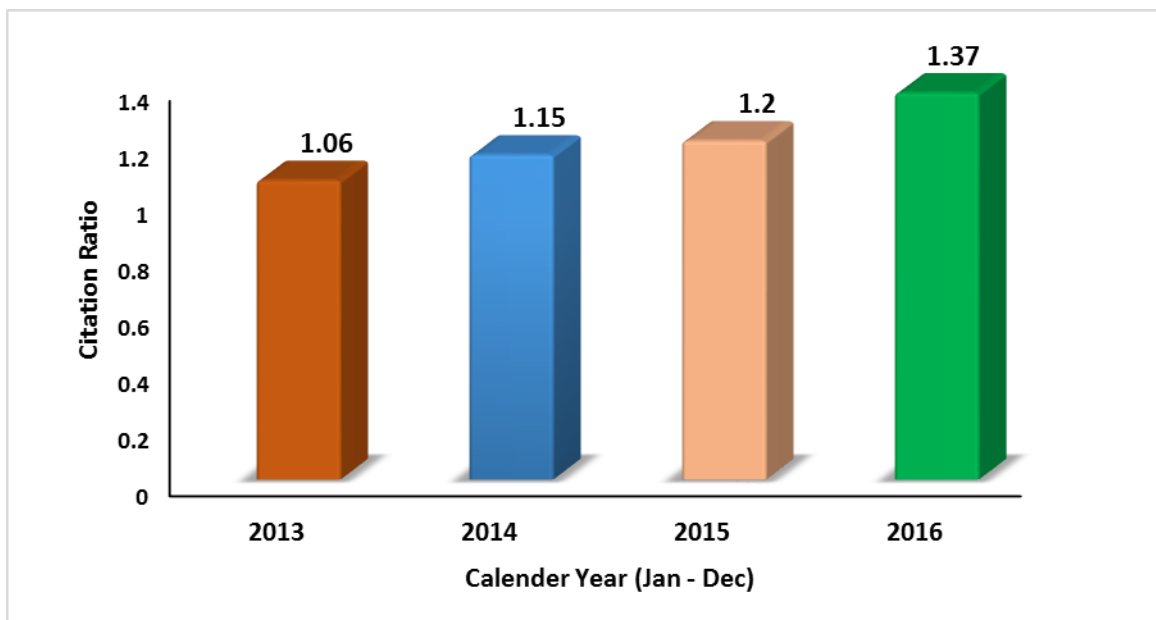


Figure 4: Trends showing the number of citations per teaching faculty of CON from 2013 to 2016

Strengths

- There is a steady increase in the number of cumulative citations per teaching faculty from 2013 to 2016 and the little greater ratio is expected in 2017.
- The ongoing CON Research Strategic Objectives and Plan will help the faculty to produce more number of high quality publications indexed in the scientific databases such as Thompson Reuters and Scopus.

Recommendations

- The faculty members should highly be motivated to publish their scientific products in highly indexed journals and this can be achieved by encouraging the faculty through their annual appraisal process.
- Non-financial rewarding system has to be established to promote the citation ratio of CON faculty members.
- External benchmark is recommended to compare actual benchmarks to similar programs at international level.

*** Explain:**

1. Why this internal benchmark provider was chosen?

The only source to collect the publication data was from the Vice Deanship of Postgraduate Studies who maintains the year wise data on publications of CON, hence it was considered.

2. How was the benchmark calculated?

- The ratio was calculated by dividing the total cumulative number of citations by the total number of faculty members (Assistant & Associate Professors and Professors). Moreover, the citation ratio was calculated from the Gregorian year 2013 to 2016.
- The three year (2013, 2014 & 2015) average was considered as internal benchmark. The target benchmark for 2016 was fixed by adding 50% to the internal benchmark. Since the actual benchmark is closer to the target, the new target benchmark was fixed at 1.71 by adding 25% of actual benchmark to the existing actual benchmark value.

3. Name of the internal benchmark provider.

The Vice deanship for Postgraduate Studies and Scientific Research at CON.

**** Explain:**

1. Why this external provider was chosen?

N/A

2. How was the benchmark calculated?

N/A

3. Name of the external provider.

N/A

KPI # S10.3: Proportion of full time member of teaching staff with at least one refereed publication during the previous year.

NCAAA KPI Reference Number: **S10.3**

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0.37	0.26	0.21	NIL	0.46

Analysis

- The numerator of this KPI includes the number of articles published by fulltime faculty member and the denominator comprises assistant professors, associate professors & professors. While considering the past three years data on the proportion of teaching faculty with at least one refereed publication, there is a little drop in the year 2015, however, while comparing the ratio of 2013 and 2014 over 2016, there is a significant increase in the proportion of teaching staff with at least one refereed publication. Based on the calculation of internal benchmark (i.e. average of last three years' performance), the committee fixed the target at 0.26 which is little above the internal benchmark (0.21). While measuring the actual performance, it is observed that the proportion of full time teaching faculty (Assistant Professor, Associate Professor and Professor) with at least one refereed publication during the calendar year 2016 is measured as 0.37. This shows the increase in the proportion while considering the previous years. Moreover, by considering the actual and target benchmark, the new target was fixed at 0.46 for the year 2017.
- Since the faculty members of CON are consistently showing their scientific outputs through their teamwork and collaboration between the faculty members, the escalation on the proportion of teaching faculty with at least one refereed publication is gradual and requires ample time to see a significant growth.

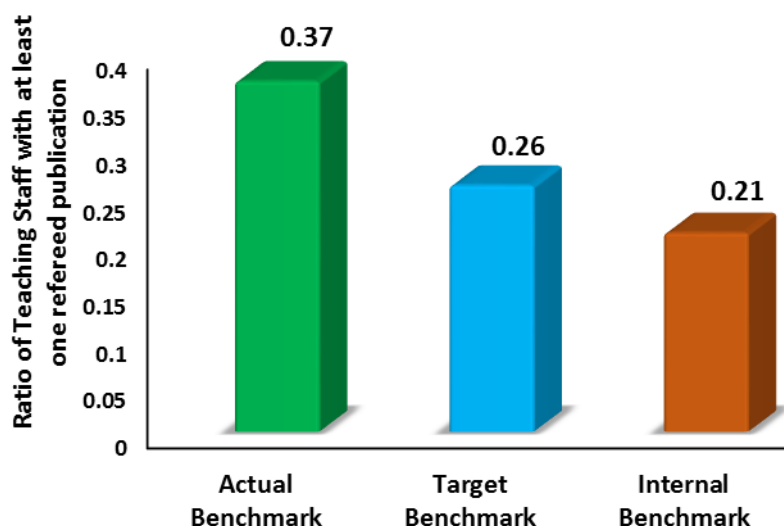


Figure 5: Comparison of benchmarks in relation to proportion of teaching staff with at least one refereed publication at CON for the year 2016 (Jan – Dec)

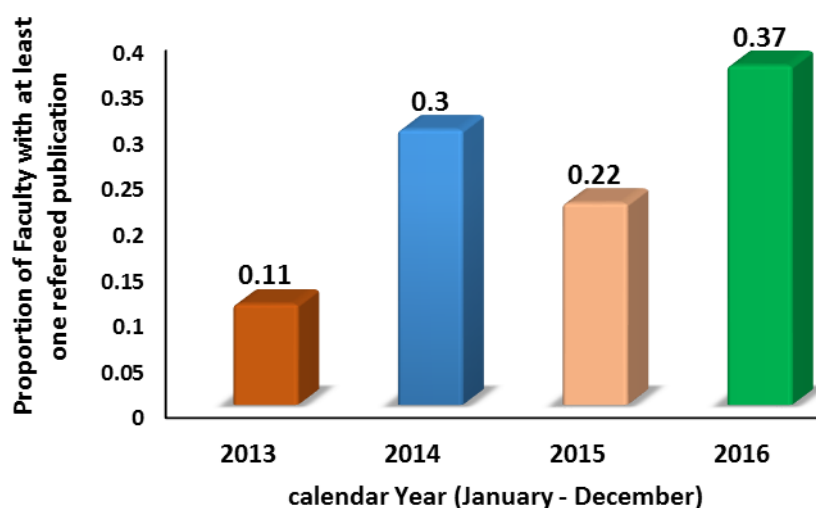


Figure 6: Trends showing the proportion of teaching faculty with one refereed publication at CON since 2013 to 2016

Strengths

- Although there is a little drop in the year 2015, there is a gradual increase in the number of teaching staff with at least one refereed publication over time.
- The faculty members are encouraged by the recently developed and ongoing research strategies of CON.

Recommendations

- Greater emphasis should be given on the importance of publications during appraisal of teaching staff performance, as well as nominations for recognition and rewards.
- By considering the “size” of the group/team involved in each publication, the college should encourage the faculty members to improve this KPI.
- External benchmark is recommended to compare actual benchmarks to similar programs at international level.

*** Explain:**

1. Why this internal benchmark provider was chosen?

The source to collect the publication data was from the Vice Deanship for Postgraduate Studies & Scientific Research, hence it was considered.

2. How was the benchmark calculated?

- The ratio was calculated by dividing the total number of refereed publications indexed by the total number of fulltime faculty (after excluding repetitions). Since all the scientific databases update their contents based on Gregorian year, all the publication data were categorized for the years 2013 through 2016.
- The three year (2013, 2014 & 2015) average was considered as internal benchmark. The target benchmark for 2016 (0.26) was kept by adding 25% to the internal benchmark. Since the target was achieved, the new target benchmark (0.46) was fixed by adding 25% of actual benchmark value to the existing actual benchmark to improve the ratio.

3. Name of the internal benchmark provider.

- The Vice Deanship for Postgraduate Studies & Scientific Research

**** Explain:**

4. Why this external provider was chosen?

N/A

5. How was the benchmark calculated?

N/A

6. Name of the external provider.

N/A

KPI # S10.4: Number of papers or reports presented at academic conferences during the past year per full time equivalent faculty members.

NCAAA KPI Reference Number: **S10.4**

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0.18	0.22	0.17	NIL	0.22 per faculty

Analysis:

While considering the year 2016 over the years 2013 and 2014, there is an increase in the number of papers presented per faculty. However, the number of papers presented per faculty for the year 2016 (7) is little lower than the previous year (9) i.e., for the year 2015. Moreover, the majority of the contribution came from the male section. The numerator of this KPI contains the number of papers presented at the academic conferences and the denominator includes the faculty members of CON (Assistant Professors, Associate Professors and Professors).

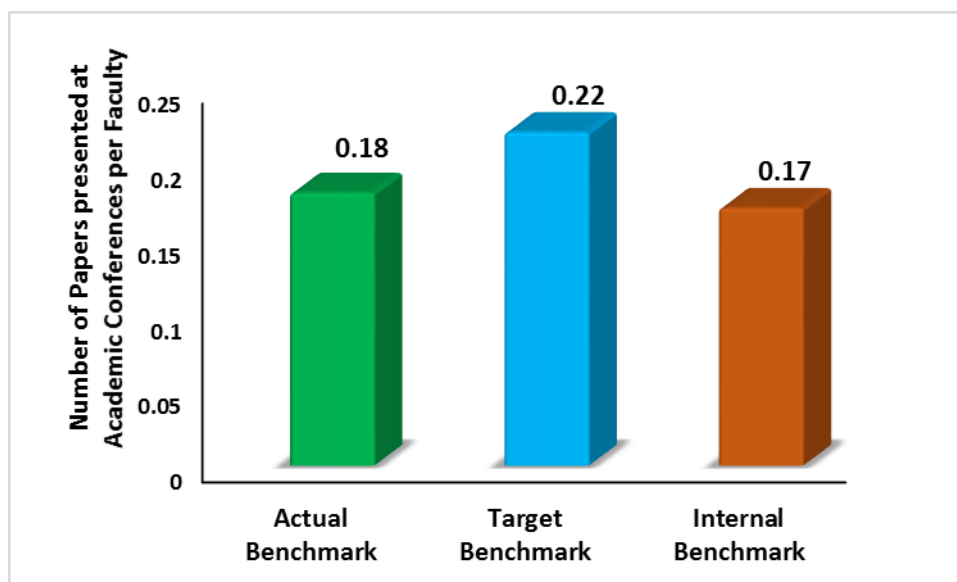


Figure 7: Comparison of benchmarks in relation to number of papers / reports presented at academic conferences per the faculty of CON

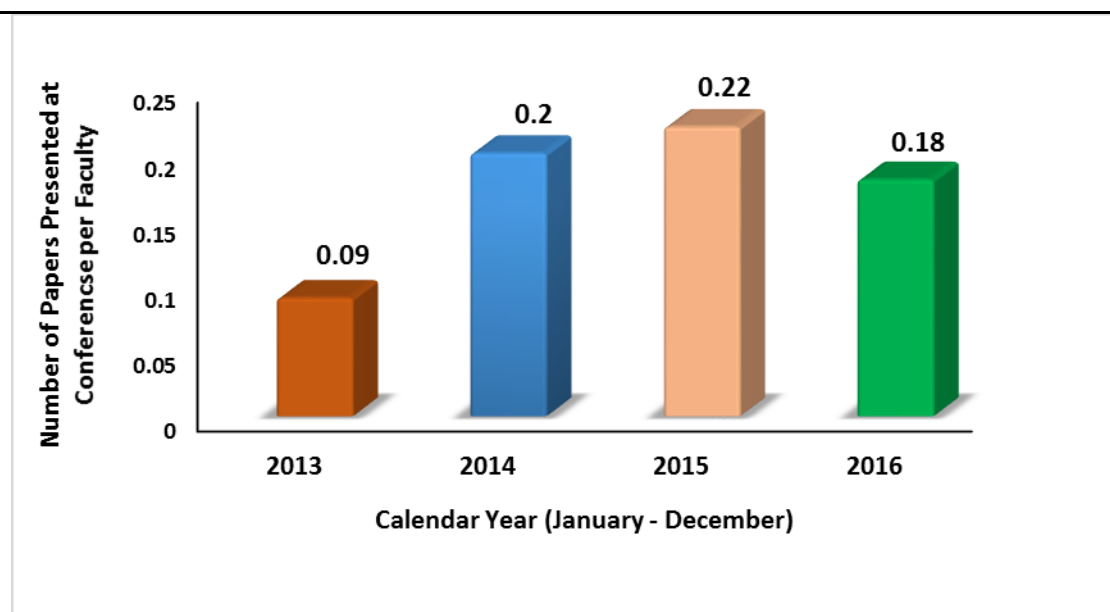


Figure 8: Comparison of total number of papers / reports presented at academic conferences during 2013 to 2016

Recommendation:

- The college improve the number of papers presented at academic conferences per faculty
- By implementing the newly established Research Plan and its Objectives, the Vice Deanship of Postgraduate Studies & Scientific Research of CON should motivate all the faculty to periodically present their research activities in the academic conferences inside and outside the kingdom.

*** Explain:**

1. Why this internal benchmark provider was chosen?

The only source of data was from the Vice Deanship for Postgraduate Studies & Scientific Research of CON, hence this was chosen as Internal Benchmark Provider.

2. How was the benchmark calculated?

This benchmark was calculated by the total number of papers presented by faculty in a year to the total number of faculty (Assistant Professor, Associate Professor and Professor) working in the college in the same year. The internal benchmark was calculated by considering the average of 2013, 2014 and 2015. The target benchmark was then set 30% higher than the internal benchmark (0.17). After observing the actual benchmark of 2016 (0.18) which is less than the proposed target benchmark, the same target benchmark was fixed as the new target benchmark for the year 2017.

3. Name of the internal benchmark provider.

- Vice Deanship of Postgraduate Studies & Scientific Research, College of Nursing.

**** Explain:**

1. Why this external provider was chosen?

N/A

2. How was the benchmark calculated?

N/A

3. Name of the external provider.

N/A

May 2017



Dr. Elham Al Ateeq
Dean, College of Nursing



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IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
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Standard 10 – Research

Evidence

(Faculty publications, Conference participation & book publications)



جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
كلية التمريض | College of Nursing

College of Nursing

Research Publications

2016 & 2017

Faculty - Research Publications (2016)

#	Name of Faculty	Title of the Article/ Study	Journal Presented
1	Dr.Radwa Hamdi	Evaluation of Pain Assessment Tools in Patients Receiving Mechanical Ventilation	AACN Advanced Critical Care 2016 Apr-Jun; 27(2):162-72.
2	Dr. Jordan T. Salvador Mr. Marc Oneel C. Alvarez Mr. Ben Ryan J. Sauce Mr. Ahrjaynes B. Rosario	“The Phenomenon of Teenage Pregnancy in the Philippines”	European Scientific Journal November 2016
3	Dr. Jordan T. Salvador	Transforming Organization through Instructional leadership and Supervision	European Scientific Journal October 2016
4	Dr. Jordan T. Salvador	Integrated Development Model: A Systematic Review	European Scientific Journal July 2016
5	Dr. Jordan T. Salvador	Revisiting the Philosophical Underpinnings of Qualitative Research	European Scientific Journal June 2016
6	Dr. Jordan T. Salvador	Exploring Quantitative and Qualitative Methodologies: A Guide to Novice Nursing Researchers	International Education and Research Journal June 2016
7	Mr. Marc. Alvarez	Revisiting the Relevance of Online Education	International Education and Research Journal April 2016
8	Dr. Emad Shdaifat	Needs of Families with a Relative in Critical Care Unit	Malaysian Journal of Public Health Medicine 2016
9	Al-Hussami, M	Nurses' Caring and Empathy in Jordanian Psychiatric Hospitals: A National Survey	International Journal of Mental Health Nursing. 25(4) August 2016. 345
10	Shereen Dorgham (assistant Prof)	Factors affecting nurse interns' compliance with standard precautions for preventing stick injury	Journal of Nursing Education and Practice 2016, Vol. 6, No. 12 P 121-30.

#	Name of Faculty	Title of the Article/ Study	Journal Presented
11	Al – Dossary R. (assistant Prof)	Residency Programs and Clinical Leadership Skills Among New Saudi Graduate Nurses	Journal of Professional Nursing. Vol. 32. Issue 2 ,2016
12	Al – Dossary R. (assistant Prof)	Clinical decision-making among new graduate nurses attending residency programs in Saudi Arabia.	Applied Nursing Research. Vol. 29. February 2016
13	Alya Gamal El-Deen Wafaa El –Desoky	Nursing Staff Perceptions toward Management Approaches of Psychiatric Patients with Aggressive Behaviors	International Journal of Advance Research and Innovative Ideas in Education Volume 2 Issue 6 2016
14	Alshowkan, Amira Neama Fouad Kamel	Nursing Student Experiences Of Psychiatric Clinical Practice: A Qualitative Study	Journal of Nursing and Health Science (IOSR-JNHS) e-ISSN: 2320–1959,p- ISSN: 2320–1940 Volume 5, Issue 3 Ver. V (May. - Jun. 2016), PP 60-67 www.iosrjournals.org
15	Neama Fouad Kamel Ahlam Mohamed Hussein	Teaching Professionalism by Vignettes in Psychiatry for Nursing Students.	International Journal of Advanced Research (2016), Volume 4, Issue 6, 625-634
16	Neama Fouad Kamel	Impact of an Educational Program on Mothers' knowledge, Attitude and Practice Regarding their Children with Nocturnal Enuresis	International Journal of Advanced Research (2016), Volume 4, Issue 6, 771-782
17	Neama Fouad Kamel	Emotional Processing among Schizophrenia: Implication for Further Management	Journal of Schizophrenia Research (2016), 3(2)
18	Amna Omer Mostafa O. Bakr	Exploring Factors Affecting Implementation of Evidence-Based Nursing Practice in King Fahd Hospital of the University/ Al Khobar/K.S.A	IOSR Journal of Nursing and Health Science (2016) Vol.5,No.3

#	Name of Faculty	Title of the Article/ Study	Journal Presented
19	Eman R Ahmad	Can the Nurse do Folliculometry in Acceptable Agreement as Infertility Clinicians? First Part of Ongoing Training Program	Advanced Practices in Nursing Vol.1 No.4 (2016)
20	Awatef El Sayed Ahmad	Effect of Objective Structured Clinical Examinations (OSCE) and Direct Observation Assessment Methods on Nursing Students' General Conditions and their Clinical Achievements " A Comparative Study"	Assiut Scientific Nursing Journal Vol , (4) No , (7) April 2016
21	Awatef El Sayed Ahmad Hoda Nafea	Pain Intensity after an Ice Pack Application Prior to Venipuncture among School-age Children: An experimental Study	Journal of Education and Practice www.iiste.org ISSN 2222-1735 .7(36) 2016
22	Houda Mohammed Nafee Latifa Al-Dosary	Exclusive Breastfeeding, Prevalence and Maternal Concerns: Saudi and Egyptian Mothers	Journal of Education and Practice. Vol.7, No.3, 2016
23	Khalood Al.Rashedi Dr. Aleya M. GamalAl-Deen2 , Dr. Nehad Helmy	Psychiatric Nursing Team Attitudes Toward Suicide Risk Management at Dammam Al-Amal Complex, Saudi Arabia.	Vol-2 Issue-6 2016, IJARIE- ISSN(O)-2395-4396

#	Name of Faculty	Title of the Article/ Study	Journal Presented
24	Nora Ghalib Al-Otaibi	Nursing Staff Perception toward Management Approaches of Psychiatric Patients with aggressive behaviors.	International journal of advance research and innovative ideas in education, Vol 2, issue, 6, 2016
25	Neama Mohamed Kamel Ahlam Hussin Mohamed M. Al-Eraky	teaching professionalism by vignettes in psychiatry for nursing students	International Journal of Advanced Research (2016), Volume 4, Issue 6, 625-634, ISSN 2320-5407.
26	Neama Mohamed Kamel	Impact Of An Educational Program On Mothers' Knowledge, Attitude And Practice Regarding Their Children With Nocturnal Enuresis.	ISSN 2320-5407 International Journal of Advanced Research (2016), Volume 4, Issue 6, 771-782 DOI: 10.21474/IJAR01/723
27	Awatef El Sayed Ahmad, Hoda Mohamed Nafee El Sayed	Pain Intensity after an Ice Pack Application Prior to Venipuncture among School-age Children: An experimental Study	Journal of Education and Practice, Vol 7, No 36 (2016), ISSN (Paper)2222-1735 ISSN (Online)2222-288X
28	Lila Y Abo-Salem, Hoda M Nafee	Feeding Under 2 Children At El-Mansoura University Hospital: Practices and Problems	Journal of High Institute of Public Health, Volume 37, Issue 1,2016
29	Hoda M Nafee, Lamia A Awad	Quality of Health Care in Private Nursery Schools at Mansoura City	Journal of High Institute of Public Health, Volume 37, Issue 4,2016
30	Eman R Ahmad Haifa A Al-Turki3	Can the Nurse do Folliculometry in Acceptable Agreement as Infertility Clinicians? First Part of Ongoing Training Program	Advanced Practices in Nursing, Volume 1 • Issue 4 • 1000126,2016

Faculty - Research Publications (2017)

#	Name of Faculty	Title of the Article/ Study	Journal Presented
31	Sara Abdel Aziz Al- Abdly	The Impact of Cold Therapy on the Pain and Hematoma on the Site of Injection of Enoxaparin	IJARIE-ISSN(O)-2395-4396 Vol-3 Issue-1 2017
32	Seham Al-Rashidy	Effectiveness of Intra dialytic Leg Exercise on Dialysis Efficacy among Patients undergoing Hemodialysis	IJARIE-ISSN(O)-2395-4396 Vol-3 Issue-1 2017
33	Eman Sameh	The effect of auditory hallucination management program on quality of life for schizophrenic inpatient Egypt	Journal of Nursing and Health Science ,6(1):11-2017
34	Neama Fouad Kamel	Relationship between perceived stress, emotional intelligence and hope among intern nursing students, faculty of nursing, Damanhour University	ISOR. Journal of Nursing and Health Science, 2017
35	Seham Al-Rashedi *Master program student- UoD faculty	Effectiveness of Intradialytic Leg Exercise on Dialysis Efficacy among Patients Undergoing Hemodialysis	International Journal of Advance Research and Innovative Ideas in Education, Vol-3 Issue-1 2017, IJARIE-ISSN(O)-2395-4396
36	Sarah Abdulaziz Alabdahai , Fatma Mahmoud Mokabel ,	The Impact of Cold Therapy on the Pain and Hematoma on the site of Injection of Enoxaparin	Advanced Research and innovative Idea in Education, Vol-3 Issue-1 2017, IJARIE-ISSN (O)-2395-4396.
37	Asma Ashmauey Noura Al-Qahtani	Effect of Early and Late Clamping of the Umbilical Cord on the Newborns' Blood Analysis	Journal of Nursing and Health Studies, Vol.2 No.1:3,2017

Note: For the year 2017, only the published research have been mentioned in the above table.

College of Nursing

Faculty Participation in National and International Conferences

2016-2017

#	Faculty Name	Topic	Date	Venue	National	International
1	Sarah Alabdulhai	The Effect of Cold Therapy on Pain and Hematoma on Enoxaparin Injection Site	May 04, 2017	“KAIMRC-er 6TH Research Day”, Al Hasa,, Saudi Arabia Poster Presentation	√	
2	J.T.Salvador	Mothers in Their Teenage Years: A Phenomenological Study	October 2017	Sigma Theta Tau International 44th Biennial Convention, USA, Speaker/Oral Presentation		
3	J.T.Salvador	Preparedness of Nurses in their Adaptation from Novice to Expert in ER Hospital Settings in Arab Countries: A Systematic Review	May 04, 2017	“KAIMRC-er 6TH Research Day”, Al Hasa,, Saudi Arabia Poster Presentation	√	
4	Reem Al-Dossary	The impact of residency programs on clinical decision-making among new Saudi graduate Nurses	October 17- 19, 2016	Euro Nursing & Medicare Summit Rome, Italy		√

5	J.T.Salvador	Exploring the Lived Experiences of Nurses Bullied by their Co-Worker, Patients, and Patients Significant Others in Selected Hospitals in Metro Manila, Philippines	October 2016	Fifth International Conference on Violence in the Health Sector, Dublin, Ireland, Speaker/Oral Presentation		√
6	J.T.Salvador	Hope Beyond the Aging Lines: Exploring the Lived Experiences of Elderly in the Philippines	July 2016	STTI 27 th International Nursing Research Congress, Cape Town, South Africa, Speaker/Oral Presentation		√
7	J.T.Salvador	Solitude, Religious and Cultural Uniqueness in a Foreign Environment: Educational Adjustments as an Arab-Muslim International Student	October 2016	1 st International ADPCN Convention, Manila, Philippines, Speaker/Oral Presentation		√
8	Mansour Jawdet Mansour	a. 6th Middle East Patient Safety Conference b. Part of 12th Patient Safety Middle East Congress c. Presenting: The Experience of Newly-	4 – 6 October 2016	Dubai- UAE		√

		qualified Nurses in Challengin g Unsafe Practice				
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College of Nursing

Faculty Members Books Publications (2015-2017)

#	Name of the Faculty	Title	Publisher	
1	Reem Nassar AL-Dossary	Contemporary Leadership Challenges: Chapter-Leadership in Nursing.	Publisher: InTech Language: English ISBN 978-953-51-2904-2, Print ISBN 978-953-51-2903-5, Published: February 1, 2017	Book
2	Eman Sameh	Self management of auditory hallucination among schizophrenic patients.	Lambert academic publication, 2017	Amazon Book
3	Neama Kamel	Relationship between depression, self-esteem, schematic beliefs.	Publisher: Scholar press (2015) Language: English ISBN-13: 978-3-639-76724-7	Amazon Book
4	Neama Kamel & Alya Gamel	Manual for reusable OSCE stations in psychiatry.	Publisher: Scholars' Press (October 16, 2015) Language: English ISBN10: 3639859871 • ISBN-13: 978-3639859874	Amazon Book