THE PROCESS OF THE EFFICIENCY OF TEACHING GUIDELINE COLLECTING TO RESPONSE THE POLICY OF WEBOMETRICS RANKING OF WORLD UNIVERSITIES AND MEETS THE QUALITY STANDARDS OF NATIONAL EDUCATION

Aubonrat Dueadkhunthod[*], Chonmapat Torasa[**] & Bannasorn Santhan[***]

[,**,***]Faculty of Industrial Technology, Suan Sunandha Rajabhat University*
E-Mail:[*]ubonrat.da@ssru.ac.th, [**]chonmapat.to@ssru.ac.th, [***]bannasorn.sa@ssru.ac.th

ABSTRACT

This research aims to promote the policy of Webometrics Ranking or World Universities and promote the implementation of the quality assurance in higher education by reducing procedures for course details collecting and details of field experience under the TQF 3 and TQF 4. This studies from the performance tuning process to store the details of the course and details of field experience to be effective in response to the policy of universities ranking promoting following the National Qualifications Framework. The samples are lecturers in Faculty of Industrial Technology, Suan Sunandha Rajabhat University, in 11 majors in academic year B.E. 2560. Research tools is the form in which the details of courses collecting and the details of field experiences containing all of the courses and instructors' names by downloading the data from registration and evaluation website, Education Service Division, Suan Sunandha Rajabhat University. The results showed that the storage efficiency of such information can be stored more than 95% which is considered in a very good position. From the results, the researcher will be used these to develop and improve the working process and increase the efficiency increasing further.

Keyword: teaching guideline, World Universities, quality standards

INTRODUCTION

The university joined the ranks of internationally Webometric World University Ranking of Spain and is The university joined the ranks of internationally Webometric World University Ranking of Spain, there are 4 evaluation criteria such as preaence, visibility, transparency and excellence. [1] Is dedicated to promoting university rankings. In B.E. 2560, the university ranked the first place in Rajabhat group and the twenty-fourth place in Thailand [2]. The university plans to encourage the instructors upload all the teaching method data of all subjects, worksheet and teaching materials in term 1 and 2 of each semester to personal website which has an effect to instructors' performance.

The problems occurring in the operation data storage system of instructors' personal website are that they must perform redundantly with the transmission of the teaching approaches or publish teaching methods at least before the next semester in every subject which are in accordance with the quality assurance in higher education. According to indicator 5.4, performance under the qualification framework, article 3, details of the course (TQF 3) and details of field experience (TQF 4) following the TQF 3 and TQF 4 that personnel who operate the storage landscape [3]. and human resources to verify information on the site will be conducted as a double redundant data set.

From the occurred problem, the researchers have provided a storage form of examination from personal website. The sample group is curriculum instructors, faculty of industrial technology, Suan Sunandha Rajabhat University, of 11 departments in academic year B.E. 2560. This is composed of all the subjects and instructors which is downloaded from registration and assessment website, Educational Service, Suan Sunandha University that is determined the date for website inspection following the internal quality assurance in higher education. The indicator 5.4, performance under the qualification framework, article 3, has details of subjects and details of field of experience following TQF 4 and TQF 4 at least before the beginning of each semester In academic year 2017, the first semester start on 15 August 2017 [4] , the second semester start on 5 January 2018 [5] and is collected the teaching approached in that evaluation round to reduce the time of instructors' and staff' procedures.

In this way the researchers point out that such an operation to be able to shorten the time / step in the operation that the university promotes international Webometric World University Ranking and adhere to internal quality assurance in higher education and The indicator 5.4, performance under the qualification framework, article 3, has details of subjects and details of field of experience following TQF 4 and TQF 4 at least before the beginning of each semester. [6].

OBJECTIVE

1. To promote the policy of international university ranking Webometric World University Ranking.

2. To promote the quality assurance in higher education process.

3. To shorten the steps of performance in inspecting and collecting details of subjects and details of field experience following TQF 3 and TQF 4.

METHODOLOGY

The research entitles "The procedures of teaching approaches to be effective to respond to the policy of Webometrics Ranking of World Universities and is based on the standard of quality national education" is a qualitative research which leads to the improvement of teaching approaches collecting more effectively. The researchers have performed as follows:

1. Population and Group Samples Assortment

Populations and samples in this research are affiliated with the Faculty of industrial Technology 65 instructors, both female and male, that divided into 11 departments including Industrial Design, Industrial Management, Technology Computer Application in Architecture, Printing Industry, Industrial Electrical Technology, Computer Engineering, Interior and Exhibition Design, Facility Management, Instrument Measurement, Graphic and Multimedia Design and Safety Technology and Occupational Health, which are teachers who are operating in the academic year B.E. 2560.

2. Research Instruments

For the research instruments, the researcher uses the effects of collecting approach and questionnaire as a tool used for data collection. The effect of the collecting approach is a form of course examination report from the website. The characteristics of the form comprise all courses and list of teachers by gaining data from the registration and evaluate website (www.reg.ssru.ac.th/rg) and are sorted by names of instructors to be more easier for monitoring data that the form will determine date and time of website entering. Data were collected in this questionnaire which consists of creating tools topics as follows:

1. Documentation on Webometrics Ranking of World Universities, and the relationship of the Webometrics Ranking of World Universities and university.

2. Study of the documents and information on the National Qualifications Framework for higher education and national quality assurance within a level course.

3. Review the purpose and content of the various conceptual and theoretical papers related research goals based on the storage of instructional approach, effective response to the policy of Webometrics Ranking of World universities ranking Universities and is based on the national education quality standards framework and the variables to be studied as a guide to create the query, and create forms for use and storage concept teaching.

4. Proceed the acquired data and create a form to collect data and determine the course outline.

5. The form and the data were generated. A qualified person check the accuracy and give suggestions.

3. Data Collecting

This research. The researcher collected data according to the steps below:

1. Researchers have collected information from instructors' website of each department affiliated with the Faculty of industrial Technology, Suan Sunandha Rajabhat University in semester 1 and semester 2, academic year B.E. 2560. There is a total of 236 courses in semester 1 B.E. 2560 and 240 courses in semester 2 B.E. 2560 [7] by breaking down data by subject.

2. Data were collected by collecting course outlines from instructors' website in each department, Faculty of Industrial Technology, Suan Sunandha Rajabhat University, as the determined date in

order to meet the internal quality assurance. Indicator 5.4, performance qualification frameworks, article 3, details of the course and details of field experience following TQF 3 and TQF 4 at least before the beginning of each semester.

RESULTS

Researchers have collected information from instructors' website of each department affiliated with the Faculty of industrial Technology, Suan Sunandha Rajabhat University in semester 1 and semester 2, academic year B.E. 2560. There is a total of 236 courses in semester 1 B.E. 2560 and 240 courses in semester 2 B.E. 2560 by breaking down data by subject as follows:

Table 1

An amount of courses classified by each department semester 1/2560 and semester 2/2560

Departments in Faculty of Industrial Technology, Suan Sunandha Rajabhat University	**Amount of courses**			
	Semester 1/2560		**Semester 2/2560**	
	Courses	**Collecting Result**	**Courses**	**Collecting Result**
1. Department of Industrial Design	20	17	19	16
2. Department of Industrial Management	22	22	24	24
3. Department of Technology Computer Application in Architecture	18	18	16	16
4. Department of Printing Industry	27	27	35	35
5. Department of Industrial Electrical Technology	34	34	34	34
6. Department of Computer Engineering	24	24	25	25
7. Department of Interior and Exhibition Design	20	20	22	22
8. Department of Facility Management	19	19	17	17
9. Department of Instrument Measurement	14	14	12	12
10. Department of Graphic and Multimedia Design	22	22	18	18
11. Department of Safety Technology and Occupational Health	16	13	18	15
Total	**236**	**230**	**240**	234

The results were calculated for the storage of the collected course classified by each department semester 1/2560 and 2/2560 and are summarized in Table 2 as follows:

Table 2

Percentage of courses storage classified by each department semester 1/2560 and 2/2560

Departments in Faculty of Industrial Technology, Suan Sunandha Rajabhat University	Semester 1/2560			Semester 2/2560		
	Amount of Courses		Percentage of Result	Amount of Courses		Amount of Courses Courses
	Courses	Collecting Result		Courses	Collecting Result	
1. Department of Industrial Design	20	17	85	19	16	84.21
2. Department of Industrial Management	22	22	100	24	24	100
3. Department of Technology Computer Application in Architecture	18	18	100	16	16	100
4. Department of Printing Industry	27	27	100	35	35	100
5. Department of Industrial Electrical Technology	34	34	100	34	34	100
6. Department of Computer Engineering	24	24	100	25	25	100
7. Department of Interior and Exhibition Design	20	20	100	22	22	100
8. Department of Facility Management	19	19	100	17	17	100
9. Department of Instrument Measurement	14	14	100	12	12	100
10. Department of Graphic and Multimedia Design	22	22	100	18	18	100
11. Department of Safety Technology and Occupational Health	16	13	81.25	18	15	83.33
Total	**236**	**230**	**97.46**	**240**	234	97

CONCLUSION AND FUTURE WORK

From the research operation, the process of the efficiency of teaching guideline collecting to response the policy of Webometrics Ranking of World Universities and meets the quality standards of National Education, the process preparation and designing forms of course outlines collecting are satisfying as the performance of course outline collecting has a result of 97 percent which has details as follows:

All courses in semester 1/2560 can be collected 230 courses of course specification and field experience specification, representing 97.46 percent. It is evident that there are two departments that do not have full documents which are Department of Industrial Design (17 of 20 courses representing 85 percent) and Department of Safety Technology and Occupational Health (13 of 16 courses representing 81.25 percent). In semester 2/2560, there are 240 courses of course specification and field experience specification and can be collected 234 courses representing 97.50 percent. It is evident that there are two department that do not have full documents which are Department of Industrial Design (16 of 19 courses representing 84.21 percent) and Department of Safety Technology and Occupational Health (15 of 18 courses representing 83.33 percent).

SUGGESTION FOR FURTHER RESEARCH

1. This research uses instructors of Faculty of Industrial Technology, Suan Sunandha Rajabhat University, academic year B.E. 2560, as the samples. The results may be the answer at the moment but can be updated and revised to develop the course outline collecting process.

2. There should be other education process and service satisfaction studies for comments and feedback into the development of service education in Organization for the better

ACKNOWLEDGEMENTS

The research "the process of the efficiency of teaching guideline collecting to response the policy of Webometrics Ranking of World Universities and meets the quality standards of National Education" received fund form the fiscal year B.E. 2561 of Suan Sunandha Rajabhat University. The researchers would like to give a big thank to the president of the university, dean of Faculty of Industrial Technology and instructors of all 11 departments which are Department of Industrial Design, Department of Industrial Management, Department of Technology Computer Application in Architecture, Department of Printing Industry, Department of Industrial Electrical Technology, Department of Computer Engineering, Department of Interior and Exhibition Design, Department of Facility Management, Department of Instrument Measurement, Department of Graphic and Multimedia Design and Department of Safety Technology and Occupational Health that let the researchers collected the data to do this research.

REFERENCES

[1] Ranking Web of Universities. (2018). Retrived Oct,18,2018 from http://www.webometrics.info/en/current_edition

[2] Prof.Dr.Witthaya Mekhum.(2018). Suan Sunandha Rajabhat Universities Annual Report for Webometrics Ranking (October - December 2017). Suan Sunandha Rajabhat University.

[3] The Higher Education Commission. (2009). Thailand Qualifications Framework for Higher Education Bangkok.

[4] Academic Services Division. (2017). Notification of Suan Sunandha Rajibhat University Subject:Academic activity of the first semester of acagemic year 2017 Bachelor degree studets. Retrived july,14,2017from http://www.reg.ssru.ac.th/downloads/calendar/calendar_601_3.pdf?cache=none

[5] Academic Services Division. (2017). Notification of Suan Sunandha Rajibhat University Subject:Academic activity of the second semester of acagemic year 2017 Bachelor degree studets. Retrived Oct,23,2017 from http://www.reg.ssru.ac.th/downloads/calendar/calendar_602en.pdf?cache=none

[6] The Higher Education Commission. (2014). The Internal Quality Assurance for Higher Education Institutions Manual. Bangkok.

[7] Academic Services Division. (2017). Grage Score by Course. Retrived july,15,2017 from http://www.reg.ssru.ac.th/index.php