

DEVELOPMENT OF THE TEACHING SCHEDULING PROCESS FACULTY OF EDUCATION SUAN SUNANDHA RAJABHAT UNIVERSITY

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ABSTRACT

A study on the development of the teaching scheduling process, Faculty of Education, Suan Sunandha Rajabhat University. The objectives were to study the teaching scheduling process of the Academic Department, Faculty of Education, and to develop guidelines for the work practices of academic staff, Faculty of Education. The population used in this study was 58 full-time lecturers at the Faculty of Education, Suan Sunandha Rajabhat University. Data were collected by questionnaires and statistical data analysis, including percentage, mean, and standard deviation. The results showed that 1. Testing the tools used to collect data by taking the questionnaire created to test Try it with non-target demographics. The sentiment analysis was based on the alpha coefficient of Konbach [1], and the alpha value was .89. 2. 50 out of 58 questionnaires were returned, representing 86.21 percent, an acceptable number of research results. Then the data obtained from the questionnaire for processing and Analyzed by the SPSS (Statistical Package for the Social Sciences) program by finding the frequency (Frequency) and percentage (Percentage) used to describe the personal status. of the sample and find the mean (Mean) Standard Deviation 3. found that the full-time teacher There were opinions on the process of arranging the class schedule, the teaching schedule of the Faculty of Education, Suan Sunandha Rajabhat University. Prepare the class schedule, room schedule, and teacher table at a high level, with an average of 3.59.

Keywords: Course Timetable, Development Process Setting Teaching Timetable Process in the Faculty of Education, Suan Sunandha Rajabhat University.

INTRODUCTION

Educational institutions recognize the importance of producing quality graduates prepared to face the social conditions of the modern era. Leading the nation to well-being, but in the city's current state, the ladder has changed from the original. Especially now that Thailand is experiencing a substantial socio-political and economic crisis, as seen in the news and the media, the daily encounters have become of interest to academics. Educators, thinkers, Writers, and developers come together to think critically to find a solution, look at the far-sighted, review, and find a solution to solve it. One of the most important approaches is developing quality people in the nation by establishing policies and guidelines for

education management that prioritize developing national human resources with quality, morality, and virtue [2]. The National Education Act B.E. 2542 (1999) requires Thai higher education institutions to provide education that fully complies with the provisions of the Constitution based on three main principles: first, it takes into account unity, clear standards, and policies, but differs in practice; Second, decentralization. Thirdly, to the local government, and thirdly, to the participation of the people. That means educational institutions can provide education in a variety of ways. Human quality development is defined as a development goal in the National Economic and Social Development Plan No. 11 B.E. (2012-2016), National Education Act 1999, Development Plan. National Education (2002-2016) and 15-Year Long-Term Higher Education Plan No. 2 2008-2022. Produce and develop qualified personnel in an all-round and balanced manner, both physically and mentally. Competence, competence, occupational skills, stability of life, and desirable attributes. Continuous learning throughout life Ability to manage both local wisdom and genital intelligence. Modern times have kept pace with the changing future into a wealth-based economic society and an aging society [3]. Moreover, according to the Office of the Secretariat of the (Education Council, 2008), in recent times, the world has changed rapidly in all dimensions, including social, social, and social media. Economic, political, and technological due to the development and modification of information technology. Structure of the Global Political Economy Results for Different Countries The world is interdependent and increasingly interconnected. They should try to adapt and implement policies to keep up with the changing trends so that their country can stand in a global society with dignity. The quality of the population is, therefore, an essential factor that will support the policy drive towards success and international engagement (Office of the Council Secretariat on Education, 2010).

The development of students in higher education is significant because higher education institutions play a role. In promoting Thai society in the 21st century as a learning society (Office of the National Education Commission, 2000, p.12), Student development is the central role of higher education [4]. Higher education is about creating people. People will use their knowledge to create both natural and social environments for the benefit of people. In addition, Section 6 of the Education Act B.E. 2542 (1999) No. 2 (Amendment B.E. 2545) has been said. Education is designed to develop Thai people to be perfect human beings. Mind, intellect, morality, ethics, and culture. Able to live happily with others [5].

It is also in line with the Suan Sunandha Rajabhat University Council. The 2018 bachelor's degree program covers education management, consisting of Section 1 Admission, Section 2 Education Management System, Section 3 Registration, Section 4 Educational Measurement and Evaluation, and Section 5 Leave. Section 6 Proposal for graduation, Section 7 Transfer of undergraduate grades to formal education, and transitional chapters, where the scheduling of classes is related to Chapter 2 Education Management System B.13 and 14.

Scheduling is part of the mission of the teaching and learning process to determine the courses offered each semester. Scheduling is the allocation of resources under regulations into existing periods. In scheduling classes, teaching schedules must consider various factors, such as the number of instructors. Number of subject groups Number of teaching subjects It also considers the university's relevant announcements, regulations, and the conditions of the instructors. Class scheduling the schedule at the university level is arranged. Courses Instructor: Enter the available time slot in one week according

to the class schedule. The user must satisfy the schedule, which means the instructor and the learner must be satisfied as much as possible.

Managing a class schedule is allocating resources under regulations in an available period, provided the resulting schedule does not meet or is close to the intended purpose. The approach to scheduling classes is using the information to manage the teaching schedule. Course Information Instructor and student information student Classroom data are provided, and each room is available for a week and must not be reproduced at the same time of the day in the schedule to be used [6].

With the academic department, the Faculty of Education has a mission to provide services to full-time professors of the Faculty of Education. The academic department can operate according to the specified implementation plan. However, some parts can operate according to the needs of full-time lecturers throughout the Faculty of Education, including changing the date and time in the teaching schedule after the completion of the teaching schedule for each semester. This causes errors or delays at work. Such mistakes may affect the work of the Faculty of Education as a whole or the academic department of the Faculty of Education.

Therefore, to work more effectively in the teaching arrangement of the academic department of the Faculty of Education, the Faculty of Education considers that research should be conducted to improve the teaching scheduling process of the academic department. The target group for this research consisted of a total of 60 professors from the Faculty of Education using a specific random selection and interviews with branch heads using a specific random selection by using the results to analyze the average results and analyze the content to find out the effectiveness of the work and use the research results to develop the work in the academic department of the Faculty of Education to be more effective [7].

OBJECTIVE

1. To study the teaching scheduling process of the Academic Department, Faculty of Education.
2. To develop operational guidelines for academic staff, Faculty of Education

METHODOLOGY

Development of teaching scheduling process, Faculty of Education, Suan Sunandha Rajabhat University This is a quantitative research, the researcher has determined the guidelines for conducting the research study by focusing on the development of the teaching scheduling process in 6 steps: 1) checking and publishing, 2) making notes for submitting courses, 3) preparing class schedules. Room table Instructor schedule, 4) Recording the registration system, 5) checking the teaching schedule to match the lesson plan, and 6) Inform the instructor. This is a survey research using questionnaires as a data collection tool. The quality of internal education is built using a scale called the Likert Scale by measuring variables by having the sample evaluate and analyze the data. SPSS (Statistical Package for the Social Sciences) The researcher has prepared a questionnaire as a tool to collect data, that is, it is a question about the process of scheduling classes.

Part 1 is a question about the status of the respondents and the working environment of the respondents.

Part 2 is a question about the scheduling process, consisting of questions 1) checking and publishing, 2) making notes for submitting courses, 3) preparing class schedules. Room table Instructor schedule, 4) Recording the registration system, 5) Checking the lesson schedule to match the lesson plan, and 6) Notify the instructor.

Part 3 is an open-ended question for respondents to provide feedback. Continue to comment on the scheduling process.

Data Collection Testing of tools used to collect data Take the generated questionnaire to determine the correctness of the content and improve it. Revise according to the recommendation of the advisor before applying for a trial (Pre-Test) with the Executive Secretary of Suan Sunandha Rajabhat University to determine the reliability of the confidence analysis results by Use the alpha coefficient of Konbak (Puangrat Thaveerat, 2020, p.29), obtained an alpha value of .89.

After the instrument was created and tested, it was distributed to professors at the Faculty of Education, Suan Sunandha Rajabhat University. 50 sets, representing 86.21 percent, were recovered and collected from the questionnaire for processing and analysis with SPSS (Statistical Package for the Social Sciences) by finding the frequency, the percentage is used to describe the personal status of the sample and find the mean (Mean) standard deviation (Standard Deviation).

RESULTS

From Table 1, there were 58 lecturers at the Faculty of Education, Suan Sunandha Rajabhat University, and 50 students were sent back questionnaires, which were divided into Thai language, English language, mathematics eight students each, general science five students, early childhood education nine students, social studies and digital technology for education six students each, a total of 50 students, which is 86.21 percent of the total lecturers.

Table 1

Shows the percentage of respondents' status.

No.	Program	Number	Percentage
1	Program in Thai	8	16.00
2	Program in English	8	16.00
3	Program in Mathematics	8	16.00
4	Program in General Science	5	10.00
5	Program in Early Childhood Education	9	18.00
6	Program in Social Studies	6	12.00
7	Program in Digital Technology for Education	6	12.00
Total		50	100.00

Table 2 shows that full-time teachers have opinions about the scheduling process, Faculty of Education, Suan Sunandha Rajabhat University. When considering each aspect, it was found that the full-time lecturers had a high level of opinion in 5 areas and one aspect at a moderate level. Key in the information of different faculties in the system

Table 2

It shows the mean and standard deviation. Personnel opinions about the scheduling process of the Faculty of Education, Suan Sunandha Rajabhat University, as a whole and in each aspect.

Operating procedures	$\bar{X}$	S.D.	level
1. Check and print Along with course summaries from the study plans offered to department heads.	3.68	0.82	The most
2. Record and send the course according to item 1 to the head of the department to arrange teaching schedules. For different faculties, record requesting instructors from different faculties.	3.55	0.77	The most
3. Prepare class schedules, room schedules, and teacher schedules.	3.59	0.75	The most
4. Record information in the registration system. Data from different faculties are entered into the system.	3.37	0.72	Moderate
5. Check the teaching schedule to match the lesson plan.	3.54	0.64	The most
6. Notify the instructor to check the teaching schedule on the website/copy. Ready to post announcements on the board	3.59	0.86	The most
Total	3.55	0.76	The most

Comments and suggestions from the interview about the scheduling process, Faculty of Education, Suan Sunandha Rajabhat University.

1. Therefore, the academic department should prepare public relations materials about scheduling classes for full-time teachers to study clearly.

2. Increase channels to promote teaching schedules such as online, Google Drive, One Drive, or other channels other than the university system, and post information boards to make it easier to access.

CONCLUSION AND FUTURE WORK

Research on scheduling classes, Faculty of Education, Suan Sunandha Rajabhat University The objective is to develop the process of scheduling classes and teaching schedules at the Faculty of Education, Suan Sunandha Rajabhat University. The study authors conducted survey research using questionnaires as a data collection tool. The population or sample used in this research study is a lecturer at the Faculty of Education, Suan Sunandha Rajabhat University. The data was processed using SPSS (Statistical Package for the Social Sciences), and the findings were summarized as follows.

They were testing the tools used to collect data was done using the generated questionnaire. Try it with a non-target population. Sentiment analysis results by Using the alpha coefficient of Konbak (Puangrat Taweerat) 2020, pp. 132-133) obtained an alpha value of .89.

50 out of 58 questionnaires, representing 86.21 percent, were returned, and the data collected from the questionnaire was processed and analyzed using SPSS (Statistical Package for the Social Sciences). Frequency and percentage were used to describe the personal status of the sample, as were mean and standard deviation.

It was found that the full-time lecturer had an opinion about the scheduling process, Faculty of Education, Suan Sunandha Rajabhat University. Make a class schedule Room table The instructor's schedule is at a high level. If considered individually, it was found that the full-time teachers had an opinion about appropriately arranging the number of students according to the room size. The faculty had the highest average of 3.85, followed by the correct arrangement of teachers by course, and the

subject area had an average of 3.74, followed by the number of suitable and available classrooms for teaching. It has an average of 3.66, followed by allowing instructors to choose the appropriate day and time for teaching and learning. It has an average of 3.45 and is reported. The schedule for each instructor before the start of the semester and before entering the system averaged 3.25,

Lecturer, Faculty of Education, Suan Sunan Rajabhat University There are opinions about the process of scheduling classes in the overall picture to a large extent because the academic department has prepared a systematic class schedule according to the standards of the university. In arranging the class schedule, teaching schedule, and instructors in each subject before proceeding to prepare the class schedule, the teaching schedule in each semester, including inquiring about the needs of each instructor on a convenient day and time to arrange the course and can be adjusted according to the needs, but must take into account the classroom and the student's study time does not collide with other courses.

Feedback from the interview includes increasing the number of channels to publicize class schedules through other online channels, preparing procedures for preparing class schedules for public relations to teachers in the faculty, and preparing documents requesting the date and time of teaching.

Recommendations for the following research study

1. Prepare tools for research to develop their system for scheduling classes within the Faculty of Education.
2. Proceed to prepare documents in a more electronic format.
3. Other questions should be added to the assessment to broaden the research and generate suggestions that can improve the work process next time.
4. The operation of the scheduling process should be questioned. from external agencies to compare the Faculty's procedures to be more effective.

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