Strategy Of Online Teaching Management In Schools Under Office Secondary Educational

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Abstract: The purposes of this research were 1) to study the condition of teaching and learning management through the online system in educational institutions, 2) to develop strategies, and 3) to propose strategies for teaching and learning through online systems in educational institutions. The mixed research methodology was used in the study. The quantitative data were collected by questionnaires from 343 samples and the qualitative data were collected by in-depth interviews with 10 key-informants and by focus group discussions with 9 key-informants. The tools used in the data analysis were mean and standard deviation. Results indicated that 1) The condition of teaching and learning through the online system in educational institutions in general, it was found that there were opinions on the general condition at a high level. When considering each aspect, it was found that the evaluation aspect has the highest level of strategy context or teaching environment has the lowest level of strategy. 2) Strategies for teaching and learning through the online system in educational institutions consist of: 1. Preparation the advantage of online teaching is that the lessons offered online are generally well planned and delivered consistently. 2. Teaching operations, The effectiveness of online teaching and learning also depends mainly on the teachers who act behind the learners' learning. 3. Management, Online teaching takes place without any restrictions on time and place. 4. Learning assessment, Online tutors must be aware of and take into account the assessment strategies. 3) The experts have reviewed the strategies of teaching and learning through online systems in educational institutions. It was found that the appropriateness and feasibility of using in order to manage teaching and learning through the online system in educational institutions.

Keywords: Strategy of Online, Teaching, Educational

I. INTRODUCTION

The epidemic situation of the coronavirus or COVID-19 has caused a crisis. Until the state has to have lockdown measures throughout the country and people have to stay at home. Not come out to group not out of work including not going to school. According to the campaign "Stay at home, stop germs, for the nation" by the Ministry of Education has announced the postponement of the first semester of the academic year 2020 from around mid-May of every year to July 1 to reduce meetings. Gathering of large numbers of people in one place to prevent the spread of the coronavirus and in the meantime The Ministry of Education has a policy to various schools, both public and private Organize online teaching and learning for the students. Analysis of the environment inside and outside the educational organization to study the trend of educational development to be appropriate in line with the needs of the local community. The trend of educational development of educational organizations must be feasible to develop according to the conditions, limitations and elements influencing educational management, such
as the policy of educational management of the parent agency. Management style of educational organization and other related factors a study of community needs. It is a survey of the needs of the community organization in which the educational organization is located. The needs of parents, students and the needs of villagers in the community summarized as guidelines for operations to meet the needs of the community. An analysis of the state of educational organizations to determine the guidelines for the development of education. Must analyze the impact caused by various factors as well, called SWOT Analysis.[1].

In strategic planning, assumptions are often required, to always be used in planning however making assumptions is essential. And it is appropriate to act in tandem with setting long-term goals that overlap over longer periods of time. Which cannot be considered, analyzed or predicted things clearly for reasons of necessity. As a result, all objectives are based on assumptions that organizations do not have any power or control over. “To be a leader in the management of modern online teaching, focusing on the learner as a priority, providing students with access to educational management” that may be established under the assumptions set by government policy or the affiliated ministry. If you know established long-term goals was established under the aforementioned assumptions. Proper planning should cover this part of making these assumptions. To be part of the objectives that have been established as well so that later if the changes deviate from the assumptions set forth, the objective review must be carried out along with the review analysis, under the new information received later.[2].

In online teaching management from the past practice, the following problems and obstacles were encountered in actual practice.

1. Teacher's attitude although there has been some training in teaching management in the 21st century and some places have already had online teaching management training. But when it's actually practiced there are also some tutors those who still understand the concept or changes in the teaching paradigm in the 21st century, including the management of online teaching and learning Classroom management. That sometimes some teachers are good at lecturing only. Sit in a power point lecture for 3 hours. The assessment of teaching and learning outcomes is still based on the exam, Mainly the original.

2. Expertise in technology online teaching is the use of computer programs. Some of the teachers who are old still unable to adapt to the use of technology in teaching and learning. Therefore, it affects online teaching.

3. Production of media for teaching and learning especially the production of video media for teaching and learning interesting that most of the teachers do not have the knowledge and ability to produce media by themselves.

4. Lack of support personnel online teaching and learning management must have support personnel. Technology to support instructors who are not well versed in using including helping to produce teaching materials.

5. Technical problems whether it is a power outage problem computer problem internet system crashes. All of them have an impact on the management of online teaching and learning.

6. Readiness of learners lack of learning tools no internet signal which some students have the problem lies in a remote location.

7. The increase in the cost of teaching and learning online teaching and learning management. The cost of teaching and learning has increased. Especially investment in hardware systems and higher electricity bills.

PiriyaPholpirun said that from the observation and assessment of online learning, there were observations and Conclusion.[3].
1. Online learning is a big adjustment for teachers and students. International schools in Thailand are considered can adjust behavior very quickly Programs were purchased and teachers were trained to provide online teaching and learning quickly within 1-4 weeks. Schools that were a little slow to adapt even stopped taking classes to train teachers and to set up a learning system. Go online quickly before the school is closed. Because these schools are ready but the adjustment the most difficult is the western system of learning, which is an integrated teaching and learning process, emphasizing analytical thinking, focusing on talking, focus on communication. This makes online learning a highly adaptive matter for teachers and children, or notice that children are bored is very difficult for foreign teachers. Children also have the sadness of not interacting with their peers, group work, consultation, playing music and dancing. Group work in a room becomes a tragic past. Even cheering on teammates in physical education it does not occur in online learning.

2. Online learning is a matter of “Boring and stressful” for everyone. Going to school should it's fun the boring thing that happens with online learning is when we have to follow the school schedule, there is a time to follow the class. There is a break where the children don't actually take a break because they have to follow up on unfinished work. Until the stress expectation young children are disciplined, look at the clock, do the work according to the schedule, it is almost impossible. Not to mention that some parents have to spend a lot of time helping their children with school. They also have to prepare 3 meals a day for their children and 2 breaks according to the school schedule.

3. Online learning is a matter of teacher readiness. Online learning is a teacher's plan to the lesson can be applied to be able to learn without 1-on-1 interaction. Teachers must select lessons, clips, teaching materials that are the same as in the classroom. Find real device try it for real and need to find additional lessons for that matter can't substitute by working in front of the computer. Teachers must be very ready.

4. Online learning is about the readiness of the child. The readiness of children here is discipline, readiness for IT. Assertiveness and responsiveness in asking questions which is very different in children Thai schools and Farang schools including the level of stress the child can take in regards to competition. In the online learning of foreigners, children will communicate with each other all the time. No scores were compared. Not afraid of fake friends not afraid to show comments and then lose face. If Thai school children are not ready, there is a risk of psychological disaster. There must be online learning with the Thai system that we are familiar with.

5. Online learning is not as effective as we had hoped . Rating The effectiveness of online learning for young children in primary school is 25-30% and eldest children 30-40. % while the children rate it at 10-20% and we are sure parents with a child development perspective would probably have rating that is not much different from ours, the main reason is good learning. At this age is an analytical learning, creative and interactive which online learning can be done very little.

6. Online learning is not suitable for all children. We discovered that online learning teaching (or teaching online) is not suitable for all children. For some children who are highly disciplined and introverted, this is not a concern. But some children who are socially in need who enjoy meeting friends and teachers are the ones who are most negatively impacted. We also found that children who do not like exercise will never force themselves to follow the videos the teachers make. Send them all, or children who are worried about the score won't. There is an honest way to take online exams etc. This is not to mention the problem of disparity in education that poor children
who do not have access to having a personal computer. Having a quiet room to study alone or internet access, which means giving away a tablet doesn't help at all. In this regard, we have many issues to ponder in terms of policy.

7. Online learning is just Second-best, not First-best. At this point, we and some scholars always wrongly assessed that online learning will replace teaching at all levels. Even in the university probably the easiest thing to do. As long as the structure and learning philosophy of society remains stable, online learning cannot be first-best in the average population. This means that online learning is just a secondary tool, not the primary tool teachers use in their education.

8. Effective online learning is a matter of adjusting the teaching philosophy that the Ministry of Education has to think hard about. In order for Thai children to adapt to the online learning system, items 1-7 must be taken into account. The Teaching philosophy of Thailand used to be traditional or conservative. That the instructor is great in the interaction of learning and having emphasis on educational achievement scores with a conservative online learning philosophy, teaching is much easier for teachers. But it will be tedious and stressful for children and parents because the duty of online system operators is just to find good teachers to create learning materials. And have students open the clip to watch according to the class schedule, homework assignments and exams (online). We wouldn't have to prepare. much more than this Except for providing facilities for online learning only.

II. RESEARCH OBJECTIVES

The objectives of this research article were 1) to study the condition of teaching and learning management through the online system in educational institutions, 2) to develop strategies, and 3) to propose strategies for teaching and learning through online systems in educational institutions.

III. RESEARCH METHODS

Research subject strategies for teaching and learning through online systems in educational institutions under the office of secondary education, the research model is research and development. Using a mixed method for collecting data between qualitative research and quantitative research. With methods for conducting research as follows:

This research the researcher has defined a total of 3 research steps as follows: Step 1 To study the condition of teaching and learning through the online system in educational institutions under the office of secondary education, there are 2 steps:

1. Study from documents and research
2. Study from distributing questionnaires about to study the condition of teaching and learning management via online system in educational institutions.

1. Study from the document

Methods of research: study of problems from documents related to strategies, definitions, types and components of teaching-learning, online teaching, contexts of educational service area offices, and study information of educational institutions

Sources: from books, textbooks, articles, related research, websites
Tool: Document Study
Data Analysis: Content Analysis
Results: Problems in online teaching and learning management in secondary schools under the office of secondary education

2. Study from the questionnaire distribution about the condition of teaching and learning through the online system in educational institutions under the office of secondary education

Source: 3,909 teachers/personnel of secondary schools under the office of secondary education area 4, open a table showing the sample sizes of Craigie and Morgan. A sample size of 343 people was obtained by multistage randomization.

Tool: Questionnaire

Data Analysis: Content Analysis and Statistical Analysis, i.e. Percentage, Frequency Distribution, Mean, and Standard Deviation.

Result: Problems in online teaching and learning management in educational institutions under the office of secondary education

Step 2: Develop a strategy for teaching and learning through the online system in educational institutions under the office of secondary education, there are 3 steps as follows:

1. Drafting strategies for teaching and learning through the online system in educational institutions under the office of secondary education

   Data source: results from objective number 1
   Tool: Document Study
   Data Analysis: Content Analysis

   Outcomes: Strategies for teaching and learning through online systems in educational institutions under the office of secondary education (Draft No. 1)

2. Develop strategies for teaching and learning through online systems in educational institutions under the office of secondary education by Focus Group Discussion

   Data source: 2 groups of experts, 9 people: (1) experts in online teaching and learning management or an academic in teaching and learning; (2) an administrator of an educational institution; By choosing a specific type of selection criteria.
   Tool: Group Discussion Question Guide
   Analysis: Content Analysis

   Outcomes: Strategies for teaching and learning through online systems in educational institutions under the office of secondary education (Draft No. 2)

3. Examine the strategies of teaching and learning through the online system in educational institutions under the office of secondary education by distributing the assessment form

   Source of information: 10 qualified persons by choosing a specific type and determining the selection criteria.
   Tool: Assessment Form
   Data Analysis: Content Analysis

   Outcomes: Strategies for teaching and learning through online systems in educational institutions under the office of secondary education Service (Draft No. 3)

Step 3: Present a model for the development of online teaching and learning management in secondary schools under the office of secondary education, by improving, revising and presenting, there are steps as follows:

   Data sources: 1) Principal advisor 2) Co-advisor 3) Researcher
   Tool: Document Study
   Analysis: Content Analysis
Outcomes: Strategies for teaching and learning through online systems in educational institutions under the office of secondary education

IV. RESULTS

The results of a study on the condition of teaching and learning through the online system in educational institutions under the office of secondary education Service area. From the study of documents on the components of teaching and learning management, online teaching, and educational institution information. It was found that the role of the teacher to focus on being a facilitator, management, group building and society. Technical role and maintain the status of being a teacher online instructor strategy considered according to the teaching cycle. It can be categorized into 4 aspects: 1) preparation, 2) teaching implementation, 3) management, and 4) learning assessment, as follows:

1) Preparation is important in both classroom teaching and online teaching. The advantage of online teaching is that the lessons offered online are generally well planned and delivered consistently. It does not depend on the personal condition of the teacher.

2) The Operation of Teaching, although lessons or activities taught through online systems have been pre-determined. The effectiveness of online teaching also depends on the teacher who acts behind the scenes of the student's learning as well most effective, such as
   - Teachers must understand the differences of learners, learning style, social status and provide appropriate assistance
   - Create social feelings in relation to relationship between student and teacher
   - Teachers should supervise and help learners to be active, involved, not let them be silent.

3) Management: teaching and learning through the online system takes place without limitations on time and place. Make the mission of the teacher more according to the potential of technology that opens up the opportunity. Learning is different from teaching in the classroom. Online tutors need to be mindful of how to manage their time and how to respond. Characteristics of such teaching include:

   3.1) Electronic Scheduling, this is because online teaching takes place 24 hours a day, wherever the computer network reaches. Instructors have to bear higher burdens than regular classroom teaching, both updating the content. The organization of activities, follow-up and online consulting are important. The students should not be worried about waiting for a response from the teacher. Informing the learners of the time difference communication schedule and online at the same time. This allows learners to expect interactive and effective time management for teachers, such as scheduling when to receive email, bulletin board interactions each week or setting business hours where the tutor will be online in case the learner wants to interact with the tutor instantly.
3.2) Arrangement of online teaching assistants online teaching assistants perform the same role as an instructor, assisting in reviewing exams, answering e-mails, or assisting with other technical or material tasks. To help alleviate the burden of direct teaching by teachers, in general, teaching assistants have three main roles:

- Content Specialist is to be prepared to understand the lesson to answer the initial problem.
- Control inspector is to control learning operations and to provide advice and guidance.
- Academic Evaluator it is a role that helps to evaluate learning in accordance with the guidelines assigned by the teacher.

4) Learning Assessment: Assessment is an important issue in teaching and learning. Both in the regular classroom and online learning. Applying the principles of testing or measuring based on actual results. Can be done close to the same as studying in a normal classroom. But with the dimension of online learning that the learners have not actually met. This makes online educators to be aware of and take into account assessment strategies, such as controlling assessment audits. Assessing learning online is a difficult issue to control. In addition to the teachers will create a sense of responsibility for the students' self-assessment. There may also be a test method in which students must use advanced analytical thinking that is difficult to imitate others. The teacher must know the learner as it is reasonable to check, such as attendance, time spent studying, interaction enough to see the learners' development of online learning rationally or organizing the exam with a local examiner or randomly check the class while actually online. Using real-life assessments, Assessment of the actual work is a study of the learning progress of the learners. By tracking and assessing students' workpieces, which are stored in electronic form, accumulated as students' personal works. (wed-portfolio) and presented to assess from their own perspective. From other students group of stakeholders and teachers according to pre-agreed assessment rules.

V. DISCUSSIONS

Analysis of the development of online teaching and learning strategies in educational institutions under the office of secondary education service area. There are elements of teaching and learning management through online systems in educational institutions as follows:

1. Student means having sufficient knowledge base in studying according to the courses offered. Knowledge and skills in information technology. Have a good relationship with classmates responsible for assigned tasks. Have a love of learning and enthusiasm for studying well-behaved, have time to study and learn according to the curriculum can participate in student development activities confident in knowledge. Teacher's ability Take pride in coming to study.

2. Teachers: who have qualifications, experience, knowledge and understanding of the subjects taught. Able to research classes and build new knowledge able to provide academic services to the community and society. Able to communicate and use Thai language able to communicate and use foreign languages. Able to use computers and information technology have professional ethics. Have morals and ethics able to organize the learning process both inside and outside the classroom. Able to work with others effectively, possessing knowledge, consulting experience and time. There are methods of teaching and learning to encourage learners to innovate. Reflecting on the content taught encourages ideas to create common ideas and to be able to apply the ideas that arise. Organize activities to promote creativity, New ideas
that are artificial intelligence in learning for students to develop more ideas and can be applied for maximum benefit.

3. Lessons or content taught is consistent with the course objectives each course suitable for the number of credits. The course is up-to-date knowledge. There is an appropriate order of courses in learning. The total number of credits throughout the course is appropriate. The basic courses of the course are appropriate. Additional courses of study are appropriate. The content of the course is not too difficult or too easy. The content of the course is up-to-date and can be applied in daily life. The activity category for student development is appropriate, and there are practices for social service activities. There is a policy to encourage all courses, both before and after classes, in order to develop teaching and learning for learners to be effective.

4. The context or environment of teaching and learning including the sufficiency of classrooms, meeting rooms, audio-visual rooms and laboratories. The suitability of classrooms, meeting rooms, audio-visual rooms and laboratories. Ease of use of educational materials and equipment. Appropriateness and modernity of online libraries, books, journals, documents, textbooks according to the curriculum. Modernity of media, technology and innovations that facilitate learning in the curriculum. The convenience of the online library search service. The sufficiency of the number of computers with internet links in the library. The convenience and speed of connecting to the Internet network. Encouraging and encouraging instructors to attend national/international academic meetings, online research databases related to and convenient for teachers to access, provide books, journals, documents, textbooks related to each course of study into the online library. As well as to promote the faculty to produce a variety of books and textbooks that are modern and suitable for application in teaching. Provide an environment in the online classroom to promote learning, inventing, thinking of students, etc.

5. Teaching Activities: There are teaching and learning activities that focus on learners. By reducing the proportion of knowledge transfer by teachers and increase the proportion of practice and exchange of learning between learners teaching and learning management according to the potential of learners. Provide opportunities for students to participate in teaching and learning planning. Assign students to work on a time-appropriate piece. Organize extra-curricular activities for students both inside and outside the classroom. Always check the assignments assigned to students and notify students of the results. Teaching and learning that uses technology to help enhance learning of teachers and students. Organize activities that are contemporary and meet the needs of society. Organize activities that are consistent with the identity of the school. Support and follow up on activities to improve even further, have knowledge development activities. The ability of the instructors in each subject group. There is a policy to promote and develop teachers in the field of language and technology to teach students to be interested in the content they learn. Have more teaching skills, this causes students to be willing to study because teachers have good teaching techniques and teaching abilities. Organize extra-curricular activities for students both inside and outside the classroom to develop teaching and learning experiences for students, enabling students to be creative, and able to apply knowledge in daily life effectively. Provide teaching materials in the classroom and outside the classroom to stimulate creativity, reflection, and to promote learning of students even more.

6. Measure: The scoring criteria are clearly defined and the students are informed. Measure and evaluate a variety of results and meet real-world conditions. Measure and evaluate the results consistent with the content and the objectives of the learning group. Measure and assess students' abilities, taking into account individual differences. There is a process for students to participate in measuring and evaluating their own learning. There are measurements and assessments aimed
at encouraging students to be creative. There are continuous measurements and evaluations before, during, and after the end of the course. The assessment results are used for student development and teaching. Academic results are announced to students within a specified period of time. Assessment criteria and exams are clearly defined. Bring the results of measurement and evaluation of teaching and learning. As well as the results of the evaluation of teaching and learning activities to develop and improve teaching and learning to be more effective.

VI. RECOMMENDATIONS

A. Recommendations for Policy

1. Government and related agencies, The strategy of teaching and learning management through the online system should be applied in educational institutions under the office of secondary education to develop it to be practical.
2. Government and related agencies, Budget should be provided to support the preparation of online teaching and learning strategies in schools, under the office of secondary education

B. Recommendations for Practices

1. Strategies for teaching and learning through the online system in educational institutions should learn to exchange information from all parties, including administrators, teachers, learners, and students' parents.
2. Strategies for teaching and learning through the online system to create cooperation, Cooperation should be encouraged to find solutions together to create satisfaction for all parties.
3. Strategies for teaching and learning through the online system in educational institutions under the office of secondary education service Area

C. Recommendations for Further Research

The results of this research, There are several issues that should be further studied in more detail as follows:

1. Because this research is a study of strategies for teaching and learning management through online systems in educational institutions under the office of secondary education should focus on strategic issues/strategies for academic administration personnel management, etc.
2. Should develop an integrated online instructional strategy management model to lead to excellence for educational institutions under the office of secondary education
3. Research should be done on integrating the principle of truth in teaching and learning through the online system

CONCLUSION

Online teaching management, It is something new in the perception of the general public but for education recognize and be aware of the changes that will take place before the 2019 coronavirus outbreak, thanks to a gradual adaptation of the 21st century teaching and learning paradigm. But with the outbreak of the Corona Virus 2019, it has been deployed at an accelerated rate. There may be some problems but when it is established, it can be used effectively by choosing a platform according to your preferences lesson design, classroom management, media use in teaching and learning and measuring and evaluating teaching and learning management even if there is a problem and barriers to practice. But we must admit that online teaching is a new way of Thai education in the near future.
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