

# THE MANAGEMENT SYSTEM OF COMPUTER OPERATING ROOM

<sup>1</sup>MISS PARTTANA BOUAID, <sup>2</sup> TEERAWIT TINPRAPA

<sup>1,2</sup>Faculty of Education, SuanSunandha Rajabhat University, Thailand  
E-mail: <sup>1</sup>parttana.bo@ssru.ac.th, <sup>2</sup>teerawit.ti@ssru.ac.th

**Abstract** - This Research Have an Objective for Arrange and Maintenance a Computers for uses in semester and for Assess the Result of using Computer Operating Room. The research tools include 1) The Rating Scale Questionnaire and 2) The Check-List Questionnaire. Researcher were collected data from the sample group. The students 267 students at Faculty of Education in Rajabhat SuanSunandha University. The results showed that 1. Preparing of Computer Operating Room have an average value are 3.11 and Standard deviation are 0.33 so have a very level. 2. Service Problem for using Computer Operating Room have an average value are 3.64 and Standard deviation are 0.25 so have very level. 3. Preparing of Computer have an average value are 3.89 and Standard deviation are 0.33 so have a very level.

**Keywords** - Management System, Computer Operating Room.

## I. INTRODUCTION

Management System of Computer laboratory has compiled and edited description of management basic of computer system computer laboratory Strategic Cyber Crime Act and computer laboratory Survey for teacher students learner computer' staff and other attendees to be learned any descriptions which is necessary for computer laboratory[1][2]. This is able to be advantage to operate and to be text book for management System of Computer Laboratory[1]. Therefore, the aim of this study is formulated as follows:

1. For survey the preparation of computer laboratory preventive maintenance for computer to be promptly use for whole year
2. For evaluate to computer laboratory using of faculty of education and summarized for usability any problems with any suggestions.

## II. DETAILS EXPERIMENTAL

### 2.1. Participant

People is freshman of faculty of education SuanSunandha Rajabhat University Sample group is specified from people by calculation formula of Yamane (1973, p.886) [3] and expecting assurance specify on level at 95% that the allowable Error is equal 0.05 there random to find sample group amount of 267 persons.

### 2.2. Data accumulate method

That there use questionnaire to be data accumulate method which is concerned about manage system of computer laboratory faculty of education SuanSunandha Rajabhat University those are separated as follow; 1<sup>st</sup> part is individual data such as gender age education that is questionnaire to choose the answer (Check-List) amount of 5 items 2<sup>nd</sup> part is the data of using evaluate of computer laboratory faculty of education SuanSunandha Rajabhat University amount of 20 items as follow;

3.1 Promptly usability of computer laboratory amount of 5 items

3.2 Any Problems which occur during using computer laboratory amount of 5 items

3.3 the promptly of computer amount of 5 items

3.4 Service of staff amount of 5 items

This questionnaire is evaluate to be form of rating Scale (Rating Scale) which is rating on 5 levels that who answer this questionnaire that consider to rate their opinion on what level these are 5, 4, 3, 2 and 1 and arrange to put in order as maximum much, moderate, a few, minimum to subject for computer laboratory faculty of education SuanSunandha Rajabhat University as below;

Level 5 means the opinion is on maximum level

Level 4 means the opinion is on much level

Level 3 means the opinion is on moderate level

Level 2 means the opinion is on a few level

Level 1 means the opinion is on minimum level

### 2.3. Data Accumulate method

This research is studied as survey (Survey Method) which is concerned about manage of computer laboratory faculty of education SuanSunandha Rajabhat University. That is accumulated the data as follow;

1. Primary Data that is collected from answer from questionnaire of Freshmen of faculty of education Sunandha Rajabhat University amount of 267 sets

2. Secondary Data that is from studied and learned from the data that is collected such as the data of service and concerned research

### 2.4. Data statistic Analysis

The researcher has compiled and checked the data already. Then take this data to evaluate with Statistical Package for the Social Science for window as below;

1. Data checking (Editing) The researcher take the questionnaire to check to be completely of this questionnaire and delete the incomplete questionnaire for the complete data to be used for coding

2. Coding the researcher take the complete questionnaire to coding and record the data in with Statistical result
  3. Analyzed and evaluate the data of researcher with statistical Package for the Social Sciences SPSS to analyze and figured the statistical result as follow;
- Description statistic he researcher would analyze and figured the frequency rate, mean rate, percentage, standard deviation.

**Table1: The analysis result of individual data such as gender age faculty of sample group amount of 267 persons.**

Individual data		Persons	Percent
gender	Male	100	37.5
	Female	167	62.5
age	Under 20 years	262	98.1
	20-25 years	5	1.90
faculty	education	100	100

Regarding to the 1st table that has been found the gender of students is female figured as 62.5% that separate by age category this almost age under 20 years this figured at 98.1% and that separate by faculty category this found that is faculty of education as figured as 100%

**Table 2: The analysis of the promptly of computer laboratory as the mean and standard deviation as below**

Promptly of computer laboratory	X	S.D.	Level
1. Computer laboratory has enough for learning usability	3.96	.679	much
2. Computer laboratory has up to date to be suitable for learning	3.90	.686	much
3. Computer laboratory has stable internet speed	3.94	.666	much
4. Computer laboratory has been tidy and promptly use	3.94	.702	much
5. Computer laboratory has electric system, light system that is insufficient for learning	3.75	.645	much
Sum	3.11	0.33	moderate

Regarding to 2nd table, the analysis result of the promptly of computer laboratory has found that there is computer much enough for learning with the mean at 3.96, standard deviation = 0.679. The next on down is the tidy and promptly of computer laboratory the mean at = 3.94 and standard deviation = 0.702 the speed of internet and stability of computer laboratory the mean at = 3.94 standard deviation = 0.666 The computer laboratory has up to date to be suitable for learning, the mean = 3.90 standard deviation = 0.686 and the last down is the computer laboratory has electric system, light system that is insufficient for learning the mean at = 3.75 and standard deviation = 0.645. Generally, the computer laboratory readiness has the mean = 3.11 standard deviation = 0.33 This conclusion of the promptly of computer laboratory has the mean quite a lot than 3.50 this is shown that promptly of computer laboratory is in good level in mean as = 3.11 standard deviation = 0.33 -

**Table 3: That is shown the analysis of problem of computer laboratory service as the mean and standard deviation as below;**

The problem of computer laboratory service	mean	SD	level
1. The computer and /or any equipment has out of order	2.55	.534	moderate
2. Amount of program or application which is in service	3.98	.666	much
3. Amount of program or application which is out of order	4.01	.643	much
4. Internet out of order	3.90	.698	much
5. Computer is out of power	3.77	0.25	much

Regarding to 3<sup>rd</sup> table that is shown the analysis of problem of computer laboratory service that has been found the most problem is Amount of program or application which is out of order in a mean as = 4.01 standard deviation = 0.643 the next down is the Amount of program or application which is in service in a mean as 3.98 standard deviation = 0.666 and the problem of internet out of order in a mean as 3.90 standard deviation = 0.698 the problem of computer out of power has a mean as 3.77 standard deviation = 0.25. And the last down is the problem of the computer and /or any equipment has out of order has a mean as 2.55 standard deviation = 0.534 the problem of computer laboratory service has mean as 3.64 standard deviation = 0.25.

The conclusion of The problem of computer laboratory service has a mean quite a lot than 2.50 that is meant the answer of questionnaire has opinion that computer laboratory service is many as a mean as=3.64 standard deviation=0.25.

#### IV. RESULTS AND DISCUSSION

The results showed that 1. Preparing of Computer Operating Room have an average value are 3.11 and Standard deviation are 0.33 so have a very level. 2. Service Problem for using Computer Operating Room have an average value are 3.64 and Standard deviation are 0.25 so have very level. 3. Preparing of Computer have an average value are 3.89 and Standard deviation are 0.33 so have a very level and 4. Officer Services have an average value are 3.95 and Standard deviation are 0.33 so have a very level.

#### CONCLUSIONS

This Research have title is "The Management System of Computer Operating Room", It's Survey Research. Have an Objective for Arrange and Maintenance a Computers for uses in semester and for Assess the Result of using Computer Operating Room.

1. Take the result of research for the advantage to routine work (For students, staff in your organization and the other organization, colleague)

2. The installation and usability of VPN AND Dropbox for any persons have a model to install VPN to be able to use a data base from outside university and to be known Dropbox application to share a data or a file together

3. Learned lesson

3.1. Learning activity of education information resources center must make the activity more than 1 time because any staff has started to work at difference time[5].

3.2. Inappropriate of computer laboratory, which is used for training because the computer laboratory has used for study that affect to plan of activity to be unplanned [6][7].

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#### DISCUSSION

From results in line with SajeewanDarbavasu and KraiwitDeethai (2016) said that The ways to develop the computer lab learning sources in accordance with

Deming Cycle in Basic Educational Institutions under Secondary Educational Service Area Office 1 are as follows.

1. As for the planning for the learning sources (Plan), there should be the survey and analysis on fundamental data and information concerning the computer lab learning sources, the setting of objectives and goals for the use of computer lab learning sources, and the setting of strategies for the management of computer lab learning sources.

2. Concerning the operation of the learning sources (Do), the projects for the management and development of computer lab learning sources should be set up in order to encourage teachers and personnel to improve their technology-concerned capabilities through the training on the application of technologies to teaching and learning. Also, there should be services to facilitate the use of the learning sources that are always ready for the use. Furthermore, there should be public relations activities concerning the use of computer lab learning sources.

3. As for the assessment of learning sources (Check), standard criteria for the check and assessment of the management of computer lab learning sources should be set up. In addition, a committee to check and assess the use of learning source of a school should be appointed, and tools for checking and assessing the management of learning source of a school should be implemented.

4. Concerning the adjustment and correction of the learning sources (Act), there should be the analysis on the management of the learning source of each school, and the results from the analysis on the management of the computer lab learning source of each school should be applied to the development of the learning source of the school in order to meet the users' needs.

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