

STATUS OF POWERPOINT SOFTWARE PERFORMANCE IN TEACHING THEORETICAL SUBJECTS AT BAC NINH SPORT UNIVERSITY

Loc Dinh Cuong¹, Ngo Trung Dung²

Abstract:

Using the common scientific research methods, the topic has thoroughly studied the status as well as factors affecting the effectiveness of PowerPoint presentation software in teaching theoretical subjects at Bac Ninh Sport University. This is an important basis for developing and proposing measures to enhance the effectiveness of PowerPoint software and improve the quality of learning theoretical subjects and the University's training performance.

Key words: Status, teaching, Powerpoint, Bacninh Sport University...

INTRODUCTION

Teachers at Bac Ninh Sport University have applied information technology and PowerPoint presentation software to teach theoretical subjects since 2006. Up to now, PowerPoint presentation software has been one of the indispensable software for teachers of theoretical subjects at Bac Ninh Sport University. However, the application of PowerPoint software has not achieved high performance. Some teachers still find difficulties in using the features of the software, thus they have not made good use of this modern teaching facility. In order to have a basis for proposing measures to improve the effectiveness of PowerPoint software in teaching theoretical subjects, the evaluation of the real status of using this software is extremely important.

RESEARCH METHODS

In the research, we have used methods of analysis and synthesis of documents, interview, pedagogical observation and mathematical statistics.

RESULTS AND DISCUSSION

1. Determination of criteria for evaluating the effectiveness of PowerPoint software in teaching theoretical subjects

Based on practical conditions and theoretical bases for the application of electronic lectures in teaching, the study has selected and developed 9

criteria to evaluate the effectiveness in using PowerPoint software in teaching. To ensure the objectiveness, accuracy and appropriateness of the criteria, we have interviewed 20 experienced scientists and teachers who are teaching theoretical subjects at the Bac Ninh Sport University. The result shows that they agree with the selected criteria. These criteria include:

The technological means for teaching are qualified.

The preparation for the lecture presentation does not waste time in class.

The presentation combines with other teaching materials (chalkboard, documents, models, etc.)

The presentation guarantees the logical and systematic transmission of knowledge.

The presentation is animated, interesting and attractive to the students.

The presentation highlights the important knowledge.

Selected images, diagrams, and videos are suitable with the content.

The presentation is in harmony with the activities of teachers.

The presentation ensures students are able to follow and take notes.

2. Real status of PowerPoint software performance in teaching theoretical subjects at Bac Ninh Sport University

1. PhD, Bac Ninh Sport University

2. Master, Bac Ninh Sport University

To assess the status of PowerPoint software performance in teaching theoretical subjects, the study has conducted a survey on teachers and students directly involved in teaching theoretical subjects using PowerPoint software. Evaluation criteria include: Combination of presentation with other teaching materials (chalkboard, documents, models, etc.); Guarantee of logical and systematic transmission of knowledge by presentation, animated, interesting and attractive presentation; highlight of important knowledge by presentation; presentation content with suitable selected images, diagrams, and videos; harmony of presentation teacher's activities and guarantee of students' follow and record.

The result show that the technological means for teaching basically meet current requirements. However, some projectors in classrooms sometimes operate unstably, images are not clear. The preparation for the presentation also wastes time of the lesson. The combination of presentation and other teaching means are irregular. The presentation is not animated, interesting and attractive enough to the students. Most of the presentations make it difficult for students to take notes.

3. Study on factors affecting to PowerPoint software performance in teaching theoretical subjects

There are many factors affecting to the effectiveness in using PowerPoint presentation software in teaching theoretical subjects at Bac Ninh Sport University. Based on the theory and practice of teaching, the study has determined the key factors, including technological equipment, teachers and students. They are also the factors that have been highly approved by experts and teachers at Bac Ninh Sport University (from 85%).

Effect of technological equipment

In terms of the amount of technology



PowerPoint is one of the effective means to support the teaching process of theoretical subjects in schools at all levels (Photo: Anatomical lesson at Bac Ninh Sports University)

equipment for teaching, the teachers have highly appreciated with a guaranteed rate of 95%. It shows that this is an advantage to guarantee teaching activities, especially for theoretical subjects using electronic lectures.

As for the stability of the equipment, 80% of the opinions say that the equipment is stable. However, some opinions (15%) suggest that the technological equipment only work well sometimes. In particular, 5% of them say that technology equipment system irregularly operate well.

Regular maintenance and check of equipment are also one of the factors that affect to the effectiveness of the equipment. The study shows that up to 20% of respondents believe that the maintenance and check are not regular.

In order to ensure the effectiveness of technological equipment for the teaching theoretical subjects, the University has arranged a support team to help teachers operate the equipment. Most of the opinions are timely support with the approval rate of 70%. However, sometimes the permanent approach to addressing emergencies has not been taken seriously. Several teachers only agree on the occasional level (30%).

When we ask about the delay in the repair, replace the old damaged equipment, which does not guarantee good operation, up to 90% of



Use PowerPoint in teaching to provide visual, lively materials, meet the needs of training demand of teachers and study demand of students

respondents reveal that this problem occurs frequently. 90% of respondents say that they regularly cooperate with the support team in repairing equipment.

Effect of teachers

We have conducted interviews to investigate the effect of teachers on the PowerPoint software performance in theoretical subjects teaching at Bac Ninh Sport University and gained the following results:

Teachers have not regularly spent time on learning presentation techniques. They have not actively sought and participated in training courses on information technology and teaching software use. Most of teachers are not active and creative in electronic lectures development. The issue of updating information, adding new ideas in the lecture design is not regular.

Effect of students

In teaching, the active participation of students is the key factor in the effectiveness of the lesson. To understanding this issue, the study has had interviews with teachers on the learning activities of students in the class.

The result shows that the students have not seriously complied with the regulations on dress and time in class. Students have not regularly prepared learning materials. They have not actively reviewed and prepared new lessons before class. In addition, they are not positive

and regular in expressing their opinions to the lessons. The problem of doing private works during class is also quite common. Such shortcomings have a great impact on the quality and effectiveness of the lesson.

CONCLUSION

1. The study has determined nine criteria to evaluate the effectiveness of PowerPoint software in teaching theoretical subjects at Bac Ninh Sport University.

2. Studying the real situation of PowerPoint software performance shows that the technological means of teaching

support basically meet the current requirements, but some projectors of the study rooms sometimes are unstable, pictures on the screen are not clear. Teachers still waste time of the class on preparation for the lecture presentation. The combination of presentation and other teaching means has not been regular. The presentation is not animated, interesting and attractive enough to the students. Most of the presentations make it difficult for students to take notes.

3. The study determines three groups of factors affecting to the effectiveness of using PowerPoint software in teaching theoretical subjects at Bac Ninh Sport University, including technological equipment, teachers and students.

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Main responsible: Loc Dinh Cuong
Email: locdinhcuong@gmail.com)