

JOURNAL OF APPLIED SCIENCES RESEARCH

JOURNAL home page: <http://www.aensiweb.com/jasr.html>

2013 Special, 9(12) pages: 5981-5985

Published Online :15 January 2014

Research Article

The Development of Video Program A Self-Learning on “Basic Dance Manora”

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Received: 12 November 2013; Revised: 14 December, 2013; Accepted: 20 December 2013.

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ABSTRACT

This study is the Research and Development to the Preservation of Southern Traditional of video for the Self-Learning on “Basic Dance Manora” by the digital audio recording technology (DOLBY SURROUND) with good level quality. The study researched for new knowledge and aims to bring for use in preserving Southern art cultural, Manora or Nora. Nora is the folk art performances, especially in the Southern. The dance is beautifully gentle. The lyric is sings lively. The instruments include drums, cymbals, a pair of tackles over the clarinet and the show is semi-narrative including 6 chapters. The folktale is Manora and Pra-Suton. Manora, who is a half human a half bird was caught to become Pra-Suton’s wife. However, with her beauty, made the priest persecuted her by sacred talisman. But with the wise of her, she asked for her wings and tales to do the typical dance. After dancing, she escaped. The Manora’s dancing style is look like the movement of bird. In each dance step, there are different names. The random samplings specialists of this study are the three specialists of video media production and three specialists of Manora dancing. The Preservation of Southern Traditional of video for the Self-Learning on “Basic Dance Manora” is using Digital audio recording technology includes six digital audio channels which separated from each other. Five channels for five speakers and the sixth is for low-sound channel that using with the Sub-Woofer, also known as 5.1 Channel. The advantage of this audio is save more space than other systems and makes it possible to add more audio channels. You can listen to a DVD, Digital TV, or connect with several devices via digital data transmission.

Key words: Preservation of Southern Traditional, Manora dance basics, Video for Self-Learning

INTRODUCTION

From the interview of Professor Pramote Dee Chum, the chairman of Manora Club at Sa-Ard Paderm Wittaya School, said, the southern folk arts performances has been less popular because of many factors such as, the role of new technology and the incoming of western culture making Thai folk arts began to disappear. Especially in the youths, they are less focused on Manora dance, although it is the traditional performing arts of the South.

Video is a kind of self-learning. The highlight is to make the students to watch multi-audio simultaneously and it offers colorful. Include the letters, the filming techniques and the technical editing in the editing process. Make it real as a self-study of our video easily and fast.

The digital voice recorder:

It was recorded by a computer. The audio data is stored in the form of digital data files that represent the binary digits of data. Process will include digital audio receivers (Input) Microphone amplifier, amplifier and the output speaker combination that making a smaller digital audio system and using less record equipments.

The basis sound:

Sound is the kind of wave that we cannot see. To make it easier to understand, we have to create an image of a sound wave is called the wave form.

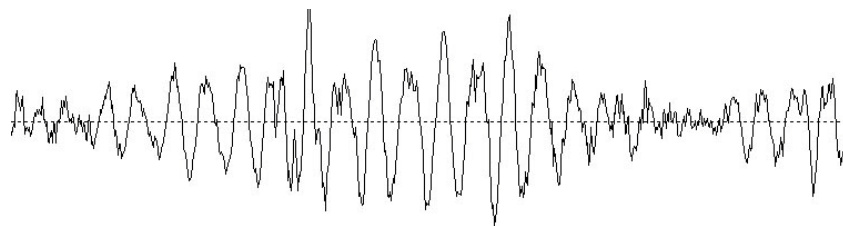


Fig. 1: shows the wave form, waves.

Digital audio system:

The sound waves are converted to analog into a stream of digital data sequence, which is connect to the following techniques.

- Channels are a form of recorded audio track to record a single audio track (Mono) or second audio (Stereo).

- Bit Resolution is the level of the incoming audio signal like 2 bit, 4 bit, 8 bit, 24 bit. Many levels makes more resolution. So, the high number of bit makes the better sound but it also makes the large file size as well.

- Sampling Rate refers to the speed of read and writes data. Measured once per second or Hz (Hertz: Hz) such as 22 KHz, 44.1 KHz, 96 KHz, etc. This is an indicator of the quality of the received signal with the receiver which is call bandwidth. The standards

of sound which using for FM is 32 KHz. For audio CD is 44.1 KHz and the standard of recording lab is 96 KHz.

Manora dance:

Manora dance is no fixed rules that everyone must dance in the same step because, the dancer have to control the instruments. It means, whatever the dancers is dancing, the instruments will play follow the step. When the movement is changing, the instruments have to change too. That is why the Manora dancing steps are different. Although, the step is the same named, but the dance step may not be the same. However, the dance steps which collected by His Majesty, KromPraya Dam RongRajanupab, from the hearsays of Mr. Jong Pakdee who was the Chatree Plays' actor at Trang, in the Royal writing : The Adonis, are twelve steps:

Step 1: Mai-Lai-Kanok



Step 2: La-Hoo-Jab-Chan



Step 3 : Kin-Norn



Step 4 : Jab-La-Bum



Step 5 : Long-Chak



Step 6 : Chak-Noy



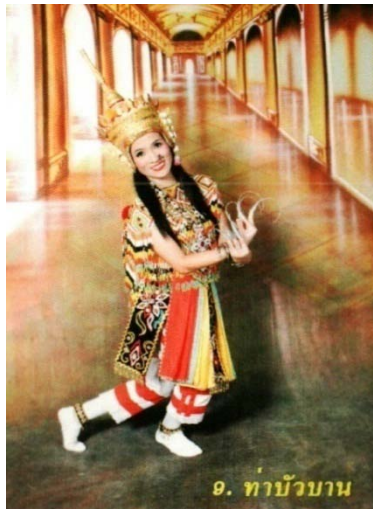
Step 7 :Pha-La



Step 8 : Bua-Toom



Step 9 :Bua-Baan



Step 10 : Bua-Kee



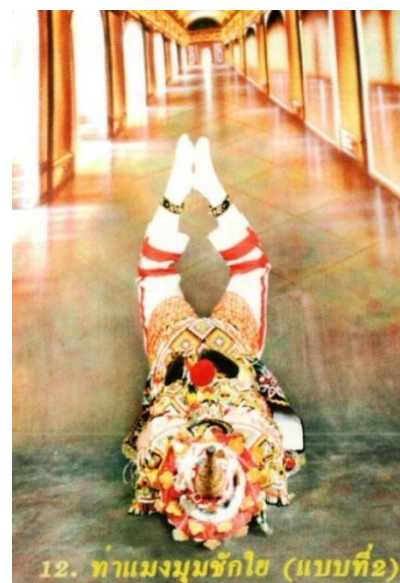
Step 11 :Bua-Yam



Step 12 :Mang-Mum-Chak-Yai(1)



Step12: Mang-Mum-Chak-Yai(2)



The process of video production:

The video production system is related to the television technical since the format, the writing, the production and the evaluation of the show. The video production process can be summarized as three stages.

1. Pre-production process is the preparation in every field before real production making, including the writing, staffs, equipments, and art work. We have to conferencing consultation with the team to understand the processes involved in the operation and issues before the specified schedule revealed.

2. Production process is a procedure to record the video following the work planning, which the parties must be informed of the date and time of the recording. Check equipment before the operation. The show is rehearsed before filming a real camera. If we found any problems while recording, we have to fix immediately.

3. Post Production is the process after the video recorded. We have to sort every scene and shots follow the plan. The post-production process are:

- Editing is the image editing under a story.
- Sound Recording is a step after images editing process. We added music, voice and sound which make the video completely.
- Preview is for checking and improving the video.
- Evaluation is an evaluation of the post-production, including the assessment of the accuracy of the content, the techniques by the content expert and video production specialist.

Research result:

The results of the self-learning "basic dance Manora" from the experts found that the media has a very good quality. The mean score was 4.58 and the discussions are...

1. The quality of the self-learning "basic dance Manora" from the media experts have found that the average value was 4.38 at a good level. The highest average was 5.00 at a very good level. It means that the clarity of the picture is very good. The

music and sound effects is appropriated, which Wasan Atisab (1982) noted that the media video for learning make the learner hear and see the gestures in the real situation. Dele (Dele, 1969) had discussed the benefits of the video instruction is to record the image and better improving the errors in a demo. As a result, the media has a good quality and can apply in the real instructions.

2. The qualities of self-learning "basic dance Manora" from the content experts found that the average value was 4.84 in the highest level. The highest average was 5.00 at the very good level because of the accuracy of the content, the sequence and the detailed proceeding. Moreover, it included the possibility of learning to be practical and appropriate music and voice. The performance in terms of teaching and learning in accordance with Sukhothai Thammathirat University (1987) provide simple to complex process. It is a tool to teach as the instructor directly. And the use of video as the instructor or use by the instructor may be better than teachers' describe. Pirote Teerathanakul et al (1981) could bring the specific story to study in details by the good combination unique from many medias presented by images and sound. The result was the high quality perception of the students and they could reverse the knowledge every time.

Recommendations for research:

1. In case of more than one recording, should be more studied in terms of the lighting and set the white balance before recording. The light is not too bright and the brightness of the light should be the same level.

2. It should develop another folk dance in related fields or add more contents of the Manora's history from the real documents. It is better than using only the hearsays.

3. In the making of the video, it should use a variety of camera angles to help the students see more clearly of the dance steps because the Manora dance is the movements. Finding the right angle can see the details of the dance steps and the students will be able to follow it.