

**MINISTRY OF EDUCATION AND TRAINING  
NATIONAL UNIVERSITY OF ARTS EDUCATION**

**THAI DINH DUNG**

**TEACHING VIETNAMESE WORKS  
WRITTEN FOR ELECTRONIC KEYBOARDS  
EGREE COLLEGE OF MUSIC EDUCATION**

**ABSTRACT SUMMARY THESIS**  
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## **PREAMBLE**

### **1. Reason to choose a topic**

In the process of training music teachers for schools of art training establishments nationwide, has achieved certain achievements in the following fields: training, performing, composing, transcribing; program, textbook, gradually overcome and perfect ... However, besides the achievements, there are a number of limitations that need to be analyzed and investigated for a solution, contribute to improving the efficiency of teaching Electronic Keyboard subject for students of Music Pedagogy University in Vietnam today. Based on the actual situation above, the author of the thesis is always concerned, thinking and desiring to contribute to the practical study of the situation of teaching electronic keyboards, Music Education University; analyze musical characteristics as well as research and find out methods of composing and composing some Vietnamese works for electronic keyboards, from which to propose to improve the program, add Vietnamese works to the curriculum and innovate teaching methods, to apply practical as well as further improve the effectiveness of teaching Vietnamese works. So, we choose the topic: *"Teaching Vietnamese works written for electronic keyboard at Music Pedagogy University"*.

### **2. Scientific hypothesis**

If you can apply Vietnamese works to the compulsory Electronic Keyboard curriculum, then the students of the College of Music Education not only mastered the techniques of handling Vietnamese works skillfully but also promote the singing accompaniment skills as well as the skills to serve extracurricular activities in the course of learning Electronic Keyboards.

### **3. Purposes and research tasks**

#### ***3.1. Research purposes***

Studying, surveying and evaluating the actual situation of teaching Vietnamese works written for electronic keyboards, Music Education University, on that basis, build appropriate and practical solutions to improve the effectiveness of teaching electronic keyboards through Vietnamese works of Music Education training institutions in Vietnam.

#### ***3.2. Research mission***

Researching on the development process of electronic keyboard since its introduction in Vietnam up to now.

Research on Vietnamese works written for electronic keyboards as a theoretical basis of the topic.

Studying on the actual situation of teaching and learning electronic keyboards, majoring in Music Education University in Vietnam as a practical basis for the topic.

Methods of teaching Vietnamese works in electronic keyboard subject, major of Music Pedagogy, focusing on measures of practicing scales, pressing chords, processing works, creating excitement for students .

### **4. Research subject and scope**

#### ***4.1. Research subjects***

The subjects of our research are issues related to the College of Music Education such as program structure, curriculum content, teaching methods, learning methods, assessment and apply Vietnamese works to teach Electronic Keyboard course for students of Music Pedagogy University in Vietnam.

#### **4.2. Research scope**

The research scope of the topic is teaching electronic keyboards, Music Pedagogy, University, regular systems in Vietnam. Assess the status and scope of pedagogical surveys for the subject of electronic keyboards of the three training institutions of Music Pedagogy University representing the North - Central - South (specifically: National University of Arts Education, Hue Academy of Music and Saigon University). The scope of pedagogical experiment is conducted during the teaching of electronic keyboards for students of the Music Pedagogy University of Hue Academy of Music.

#### **5. Research method**

*Method of document research:*

*Methods of synthesis, analysis and comparison:*

*Methods of investigation and survey:*

*Experimental method of pedagogy:*

*Mathematical statistical methods:*

#### **6. Contribution of the thesis**

The dissertation can serve in compiling or supplementing the electronic keyboard course, music pedagogy, university level, formal system in Vietnam.

The thesis can be used as a reference for teaching electronic keyboards of Music Education training institutions in Vietnam.

Through Vietnamese works to introduce the region's culture, its age and the love of its homeland and the people of Vietnam.

## **7. The layout of the thesis**

In addition to the Introduction, Conclusion, References and Appendices, the thesis has 3 chapters:

*Chapter 1: Overview of research and theoretical basis*

*Chapter 2: Technical and musical characteristics of Vietnamese works written for electronic keyboards*

*Chapter 3: Improving the effectiveness of teaching Vietnamese works on electronic keyboards.*

## Chapter 1

### OVERVIEW OF RESEARCH AND RATIONALE

#### 1.1. Study overview

##### ***1.1.1. Electronic keyboard syllabus used in Music Education training institutions in Vietnam***

*Guide to teach and learn the organ, volumes 1, 2, of Xuan Tu; collection of Theory and Practice on the Organ, volume 1, 2, 3, 4, 5, 6, 7, by Ngo Ngoc Thang; Organ Textbook accompaniment compilation, by Doan Phuong Hai; Textbook Organ basis organ, University - major in Music Education, by Ha Mai Huong, Tran Huu Viet; Keyboard Handbook used for the first year of the College of Music Education, an internal circulation document of the National University of Arts Education. In addition, there are a number of textbooks, collections of methods of self-learning electronic keyboard compiled by some Vietnamese authors ...*

##### ***1.1.2. Some research dissertations improve the quality of electronic keyboard teaching***

###### ***1.1.2.1. Research thesis on teaching electronic keyboard at Music Pedagogy University***

*Nguyen Ngoc Anh (2013), National Academy Improving the quality of teaching the Keyboard for students of Music Pedagogy University in Hanoi, Master Thesis, Vietnam of Music; Truong Thi Le Thuong (2013), Renewing the curriculum and teaching methods for organ organ for students of Pedagogy Department of Hue Academy of Music, Master Thesis, Vietnam National Academy of Music; Le Quang Viet (2014), Applying Jazz music to teaching electronic keyboards, Music Education major at Hanoi National University of Education, Master Thesis, National University of Arts*

Education; ... Besides, there are also research papers on singing accompaniment skills ...

*1.1.2.2. Research thesis on teaching electronic keyboards for College music students and other levels*

The essays of Ha Trong Kieu (2014), *Dan Keyboard in training music pedagogical students at Hanoi Pedagogical College*, Master Thesis, National University of Arts Education; Tran Thi Man (2015), *Research and development of electronic keyboard teaching materials for preschool students, Ha Tay Pedagogy College*, Master's Thesis, National University of Arts Education; Tran Thi Bich Thuy (2015), *Teaching electronic keyboards at Hanoi Children's Cultural Palace*, Master's Thesis, National University of Arts and Education; ... There are also works on cushioning. singing of electronic keyboards ...

***1.1.3. Assess the research situation***

*1.1.3.1. Contributions*

In general, the research works, the dissertations that we have referred to refer to many different aspects in the training process of Music Pedagogy University of Electronic Keyboard subject. However, there are some issues that are not really consistent with the actual situation of teaching and learning in the environment of Music Pedagogy in Vietnam today.

*1.1.3.2. Outstanding issues*

*a. Some issues have not been agreed*

In the above documents, we can see many other inconsistent suggestions about the allocation of lessons, technical training, and other practical skills such...

*b. Some issues remain open*

In their studies, the authors gave some ideas in the innovation and supplementation of the Keyboard program. Thus, through the above studies, there has not been any study on the issue of analyzing the musical characteristics of Vietnamese works written for electronic keyboards; compose or compose a number of Vietnamese works for themed electronic keyboards, suitable for the subjects of Music University; Application of electronic keyboard features to teaching Vietnamese works in the Music Education University training program.

*1.1.3.3. The problems will be solved in the thesis*

*a. On the research direction*

We will continue to solve the arguments as well as unclear or unexplained explanations in the works we have referenced.

*b. On theoretical basis*

With this thesis, we will apply a number of theoretical frameworks such as theory of music teaching methodology, university teaching methodology, music theory and ethnography theory.

**1.2. Some concepts related to the thesis**

***1.2.1. Teaching methods***

Teaching consists of two subjects (teachers, learners) with peers, who are parallel in the relationship of transmission and reception of human knowledge. However, the roles and functions between teachers and learners vary in many aspects, from method to form. Therefore, the concept of teaching and learning activities must be clearly stated.

### ***1.1.2. Electronic keyboard***

The phrase "electronic keyboard" (English: Electronic keyboard) used in the thesis is electronic musical instruments with automatic accompaniment (rhythm), fully simulating the sound of Western instruments and transmitting them. system, designed in the form of Piano keyboard, including many types, many lines, many names, symbols ...

### ***1.2.3. Method of teaching electronic keyboard***

Teaching electronic keyboard is an organized and instructed process of the instructor to influence the awareness of music art of the learner, thereby training the skills and techniques to reach the level of skill on the keyboard. electronic.

### ***1.2.4. College of Music Education***

The phrase "University of Music Pedagogy" (English: University of Music Pedagogy) used in the thesis covers lecturers who teach the subject of Electronic Keyboard for students of Music Pedagogy, University level. regular government in Vietnam.

### ***1.2.5. Vietnamese works***

The phrase "Vietnamese works" (English works) used in the thesis are instrumental works composed based on Vietnamese folk music material, or compiled, transcribed and modified. based on Vietnamese folk songs or songs.

## **1.3. History of the electronic keyboard in Vietnam and the basic characteristics of the feature**

### ***1.3.1. The introduction of electronic keyboards into Vietnam***

Electronic keyboards first appeared in Saigon in the 1970s, after 1975 electronic keyboards became known in the North, and then some other provinces. In the early 1990s, with the new music

movement, the number of people using electronic keyboards increased. Since 1996, the guitar has been given more attention when the Ministry of Education and Training popularized popular music and has become a compulsory subject for Music Pedagogy students. Electronic keyboard appeared in Vietnam late, but through many ups and downs, it has gradually grown, developed and had a role and position in the music life of Vietnam.

### ***1.3.2. The basic characteristics of electronic keyboards***

Features Piano and other instruments: with automatic accompaniment, with different types of chords and rhythms and many other functions such as: Voice (timbre), Style (rhythm) ...

## **1.4. Actual situation of teaching electronic keyboards at Music Pedagogical training institutions**

### ***1.4.1. An overview of the three institutions of Music Education University***

#### ***1.4.1.1. National University of Arts Education***

The Central University of Art Education was established in 1970. In 2006, the College of Music Education was graduated; 2012 Master's degree training; 2015 doctoral degree training. Since 2014, the Department of Musical Instruments and Electronic Keyboard Division of Music Education University has been established by the Faculty.

#### ***1.4.1.2. Hue Academy of Music***

*In 1996, the Department of Music Education - Hue Academy of Music was the first institution of formal music education in Vietnam.*

#### ***1.4.1.3. Sai Gon University***

*Faculty of Arts - Saigon University was established in 2003. Currently, the department of music and fine arts majors. In particular, the College of Music Education still plays a key role.*

#### **1.4.2. Student characteristics**

Most of the students have never learned the basics or become familiar with the guitar before entering the school, so the acquisition of knowledge and playing skills is difficult.

#### **1.4.3. Teaching staff**

<b>Order</b>	<b>School's name</b>	<b>Total lecturers</b>	<b>Qualification</b>			<b>Note</b>
			<b>Doctor</b>	<b>Master</b>	<b>Bachelor</b>	
1	National University of Arts Education	15	0	15	0	
2	Hue Academy of Music	5	0	5	0	
3	Sai Gon University	7	0	7	0	

*Table 1.1. Number and qualifications of lecturers of the Keyboard course at three training institutions of Music Education University*

#### **1.4.4. Electronic Keyboard program**

*1.4.4.1. The framework program of the Ministry of Education and Training provides for*

Duration for the subject of electronic keyboard, specifically: 0.5 periods (2 students / 1 period / 1 week), each semester 7.5 periods / 1 student, is spread over 15 weeks.

*1.4.4.2. Detailed program of three institutions of Music Education University*

*a. The content of the detailed program of Electronic Keyboard course of Instrument Department, National University of Arts and Education*

*b. The contents of the detailed program of Electronic Keyboard course of Music Education Department, Hue Music Academy*

*c. Details of the electronic keyboard program of the Faculty of Arts, Saigon University*

**1.4.5. Using textbooks in teaching electronic keyboards**

*1.4.5.1. Electronic keyboard course at the Department of Musical Instruments, National University of Arts and Education*

Currently, the National University of Arts Education has a Keyboard Document for the first year of the Music Pedagogy system compiled by the group of lecturers of the electronic keyboard in 2011.

*1.4.5.2. Electronic keyboard course at Department of Music Education, Hue Academy of Music*

The Hue Academy of Music used the organ textbook of organ organ Mai Mai Huong, compiled by Tran Huu Viet and the textbook of organ accompaniment by Doan Phuong Hai, published in 2012.

*1.4.5.3. Electronic keyboard course at Art Department, Saigon University*

The Faculty of Arts - Sài Gòn University does not have a specific curriculum for the subject of Electronic Keyboard, at the University of Music Education.

#### ***1.4.6. Assessing the situation***

Through surveys and surveys about the curriculum, curriculum, faculty and student characteristics have shown that the use of Vietnamese works in teaching computer science for students of Music University is very important.

#### **1.5. The cause of the limitations in teaching electronic keyboards**

- Objective reason: due to the universalization of musician training in the locality; the enrollment work faced many difficulties; uneven age; Electronic keyboards are not subject conditions when enrolling; the amount of time devoted to Electronic Keyboard subject is too little; Vietnamese music products on the market are still modest.

- Subjective reasons: due to the students' sense of learning; faculty capabilities; lack of managers attention.

#### ***Conclusion of Chapter 1***

By analyzing the causes and the above situation, it has clearly showed us the urgent need to improve the quality of teaching Vietnamese works of the Electronic Keyboard subject, Music Education University. Although these are just basic limitations, the author surveyed the reality that is happening in the training of Music University today.

## Chapter 2

### TECHNICAL AND MUSIC CHARACTERISTICS OF WORK VIETNAM PRODUCTS WRITING FOR ELECTRONIC UNIT

#### 2.1. Some authors, typical works

Based on the collected documents, we found that Vietnamese works written for electronic keyboards at different levels, are very diverse and plentiful. With such volume of works, it is proved that the team of writers who compose, transcribe and compose Vietnamese works for electronic keyboards is also relatively strong and quality such as musician Xuan Tu, Viet Thanh , Le Vu, Luu Minh, Xuan Trung ... and many other authors and works.

#### 2.2. Some characteristics in building Vietnamese works for electronic keyboards

##### 2.2.1. *Form of building the work*

Some methods of building works that are often found in the treasure of Vietnamese works written for electronic keyboards are that the musicians compose exactly the same as the original songs, the variations have the variations, creation or self-composition. based on Vietnamese traditional music.

In the treasury of Vietnamese works from past to present, there are many types of genres, structures as well as forms and language of music, from simple to complex, highly generalized. The Vietnamese musician team has combined European classical music forms and genres to build Vietnamese works of complete scale and structure.

##### 2.2.2. *Method of building a work*

###### 2.2.2.1. *Get an original song or folk song*

Vietnamese works written for electronic keyboards often use almost the same melody, folk songs to compose, transcribe or get a

melody, rhythm, sound or material in the melody shift song to develop.

*2.2.2.2. Get a theme from a piece of music or a folk song*

*2.2.2.3. Use other songs to build your work.*

*2.2.2.3. Use harmonics to create new melodies*

The works are based on the folk music of the Central Highlands, including: Afternoon work on the hill, Waiting for him to come from musician Xuan Tu; The Tay Nguyen Dance of Vietnamese Musician ...

- The works are built based on the Southern folk music sound effects including: Random improvisation No. 12, Lullaby, Improvisation 12B by musician Xuan Tu; remembrance of the sea by composer Le Phuoc Nguyen; ...

- The works are built based on the folk music of other regions such as: The sound of the Spring Flute, based on the music of Bac Ninh folk music, the works of Hoa ban and the Thai girls, based on influenced by Northwest folk music and drum, based on the sound of Northern folk music by musician Xuan Tu and many other authors' works.

***2.2.3. Select the material of music works for electronic keyboard***

*2.2.3.1. Use the scales, folk songs*

*2.2.3.2. Use typical intervals to build harmony*

*a. Exploiting and using typical bands in Vietnamese traditional music*

According to our research and study on harmonies in Vietnamese works written for electronic keyboards, the characteristic ranges are one of the very important factors to form individual

characteristics, as well as style. In particular, the uniqueness and expression value of Vietnamese traditional music.

*b. Combining and using popular and typical intervals in folk songs and traditional Vietnamese folk music*

- Linking to form melodies or forming overlaps, three-note chords such as a combination of 2 major steps (1 chord) + 3 rd fractions (1.5 chords). Or a combination of the 3 rd step (1.5 chord) + the 2nd major chord (1 chord).

- The use of the typical interval combination in Vietnamese works written for electronic keyboards has the following forms: the combination of the 3 major steps (2 chords) + the 2 nd intervals (1/2 chords). Or a combination of the second octet (1/2 steps) + 1 octave of the 3 major (2 chords):

*2.2.3.3. Use the rhythm*

Vietnamese works written for electronic keyboards, which are well-versed in our musicians, are well versed in Western symbols and rhythms in our works.

*2.2.3.4. Use another track*

*a. Use children's songs*

*b. Songs for adults*

### **2.3. Advantages and limitations of Vietnamese works written for electronic keyboards**

*2.3.1. The advantages*

- Advantages: exploiting the characteristics of Vietnamese folk songs; the works have promoted the features and techniques of the guitar; has smoothly combined European music with traditional Vietnamese music.

### ***2.3.2. Some limit***

- Regarding the limitations: a number of works with unclear structure and lack of logic and continuity; untapped, maximum use of audio and buffer to create unique in the work; familiar songs and folk songs used by many authors to prepare and overlap; most of the works are written not suitable for the audience, mainly composed and adapted according to the author's forte.

## **2.4. The role and position of Vietnamese works written for electronic keyboards in the Music Education University training program**

### ***2.4.1. The role of aesthetic education and ethnicity***

We recognize that educators all over the world attach great importance to the education of musical aesthetics, building the national music platform within themselves, through the work of their own country.

### ***2.4.2. The position of Vietnamese works in the training program***

In Vietnam, there was a time at some institutions of Music Pedagogy with the teaching of electronic keyboards, Vietnamese works are a compulsory part of the curriculum and exams.

### ***2.4.3. Help students quickly acquire knowledge***

For any training program, the most important thing is how learners can access and acquire the amount of knowledge and information effectively transmitted without getting bored and lost. creativity.

### ***2.4.4. Increase familiarity with the traditional scale***

Through Vietnamese works, it is also possible to develop comprehensive skills when using electronic keyboards, such as the

use of the 5-tone scale system (pentatonic), the chords with intervals of 2 and 4...

### ***Conclusion of chapter 2***

Through the synthesis and study of some characteristics of Vietnamese works written for electronic keyboards, we can notice quite a big difference between the authors and the works. Therefore, music products are composed with both a professional writing style, a uniform and strict structure, and a good exploitation of the musical instrument features and especially to suit the audience.

### Chapter 3

## IMPROVING THE EFFICIENCY OF TEACHING OF VIETNAMESE WORKS ON THE ELECTRONIC KEYBOARD

### 3.1. Improve the efficiency of handling Vietnamese works in teaching electronic keyboards

#### 3.1.1. *For transcribed Vietnamese works*

Vietnamese music works in general and works for electronic keyboards in particular, in the process of developing a number of musicians who have composed, transcribed or compiled themselves to create musical images in his work, to show success on the MSP.

#### 3.1.2. *For children's works*

Works inspired by the theme of children are always close to each person's childhood. The work helps learners build associations in musical sensibility and skills as well as basic techniques for expressing musical feelings.

#### 3.1.3. *For tunes, folk songs*

When performing folk songs, depending on the personality of each person, the feeling is not completely the same. Therefore, different artistic inspiration will create different music colors for each student performing on his guitar.

#### 3.1.4. *For new works with folk influences*

The new works are often composed by authors on European music standards and combine the exploitation of Vietnamese folk music. So teachers need to inspire students in teaching electronic keyboard in general.

### ***3.1.5. In other works***

The theme of nature, the homeland of the country is also very diverse and diverse, always creating a useful inspiration for a playground after the work as well as the stressful study hours of the children. The content of the work about praising the homeland of the country, praising the fighting spirit of our people through two wars against foreign invaders.

## **3.2. Improve the efficiency of performing techniques in teaching Vietnamese works**

### ***3.2.1. Instructions for showing melody, rhythm and tempo***

The Vietnamese works in the pedagogical university training program often have good melodies, funky rhythms, flexibility, suitable for students' physiology, so they are popular with them.

### ***3.2.2. Performing all types of scales and harmonies***

One of the advantages of the electronic keyboard's musical instrument feature is the abundance in expressing the scales, modal and harmony. The guitar also creates melodies with a rich musical image.

### ***3.2.3. Fingerless technique***

Currently, the textbooks used in teaching electronic keyboards often use the piano finger samples. However, the electronic keyboard with the usual range of 6 octaves (61 keys), is different from the Piano 9 octaves (88 keys) and the characteristics of the small, light electronic keyboard, so when applying finger exercises Piano's are irrelevant.

### ***3.2.4. The technique of pitch bend, attachment and retraction***

Vietnamese works still use Western techniques. However, the most typical features are fine notes, attachment, bend and bend technique.

## **3.3. Proposing the addition of some Vietnamese works to the compulsory electronic keyboard program, Music Education University**

### ***3.3.1. The importance of putting Vietnamese works into the compulsory program***

In Vietnam, there are still art training institutions that maintain the inclusion of Vietnamese works in the compulsory program without any problems.

### ***3.3.2. Specific allocation for each credit (unit) is based on required skills***

#### ***3.3.2.1. Module I (Credit 1)***

Practice Gam and spreading patterns (from 0 to 2 signs); short Etude songs; Accompaniment singing class 1, class 2 and class 3; Vietnamese works written for recitals proposed by the author.

#### ***3.3.2.2. Module II (Credit 2)***

Practicing Gam and spreading patterns (from 3 to 4 chemical signs); medium Etude songs; singing class 4 and 5; Vietnamese works written for recitals proposed by the author.

#### ***3.3.2.3. Module III (Credit 3)***

Practicing Gam and spreading patterns (from 5 to 6 signs); long Etude songs; singing class 6 and 7; Vietnamese works written for recitals proposed by the author.

#### 3.3.2.4. *Module IV (Credit 4)*

Piano works or foreign works; accompaniment singing class 8, grade 9 and art songs; Vietnamese works written for recitals proposed by the author.

#### 3.3.2.5. *Graduation exam section*

Lucky draw to sing 01 song prescribed by the Professional Council of the department; Solo 01 Vietnamese work (instructors base on curriculum, curriculum and ability of students to give lessons).

### **3.4. Preparing Vietnamese works and applications in teaching electronic keyboards for Music Pedagogy students**

#### ***3.4.1. Criteria, principles and tactics in preparation***

##### *3.4.1.1. Transcription criteria*

- Transforming some works with themes about children;
- Transforming a number of songs, melodies with themes of folk songs;
- Transforming works with other themes;
- Converting new works with folk influences.

##### *3.4.1.2. Principles of transformation*

- Know how to exploit musical instrument features and promote creativity;
- Must be suitable with the level and ability of the learner;
- Creating excitement and emotion for learners as well as showing;
- Create new melodies while retaining the original material;
- Train the bravery and skills of the performer;
- Effective with performance, technical performance of the instrument.

### *3.4.1.3. The tactics of conversion*

- Audio processing techniques, tonal changes, bend techniques, finger techniques;

- The tactics of converting the sound structure, raft structure, changing the tempo, adjusting the tempo and pitch of the melody;

- Trials of lyricism, transition, and modal exchange;

- Harmony method, add friends to the melody ...

### ***3.4.2. Practice translating some Vietnamese works for electronic keyboards***

In order to be suitable for students of the College of Music, each of these works we compose in three different levels, the level of difficulty gradually:

- Easy level (also called level 1): we prepare in the form of three single paragraphs, with a simple, easy-to-remember and easy-to-remember technique level, to meet the needs of new students. guitar.

- Moderate level (also known as level 2): we prepare in the form of three complex sections with *chen* and *coda*, with a moderate technical level, to meet the needs of students with basic knowledge. basic version and proficiency.

- Difficulty level (also called level 3): we take a theme in the original work, which was prepared at level 1, and 2, and then modified the variations, with the technical difficulty level, in order to meet the needs of students with outstanding talents and skills.

In addition, we rely on Vietnamese folk music to create new works for the electronic keyboard.

#### *3.4.2.1. Adapted work from children's songs*

The song "Immense Age," a well-known and memorable melody by the late composer Trinh Cong Son, is included in the 8th grade Singing curriculum.

#### *3.4.2.2. Transforming works from melodies, folk songs*

We choose Ly pull fishing, folk songs of the South (in the music program of junior high school, singing subject of grade 9), selected according to the three levels mentioned above to be suitable for students of Music University in teaching electronic keyboard.

#### *3.4.2.3. Adapted compositions from other songs*

Through surveys in three locations: Hanoi, Hue, and Saigon to fit the reality above, we chose the song Hanoi - Hue - Saigon, a composition accompanying the years of musician Hoang Van to compose and make changes, to suit the abilities and qualifications of music pedagogical students in Vietnam today.

#### *3.4.2.4. Compose new works with folk influences*

To meet the needs of music pedagogical students, the fourth year and adding to the treasure of Vietnamese works written for electronic keyboards, the author of the thesis based on folk music materials in the Central Highlands to wrote the work Improvisation Highlands.

### **3.5. Experimental pedagogy**

#### ***3.5.1. List of experimental students***

##### *3.5.1.2. Experimental lesson plans*

##### *3.5.1.3. Experimental lesson plan*

### **3.5.2. Experimental plan**

#### *3.5.2.1. Time and place of experiment*

Time at 7:30 ' - 10:30' on December 13, 2017, at room 301 - 303, Block A, Department of Music Education - Hue Academy of Music.

#### *3.4.2.2. Experimental purposes*

For the purpose of objectively evaluating the results achieved after applying Vietnamese works in teaching electronic keyboard subjects for students of Music Pedagogical University and confirming the feasibility of some solutions presented in thesis.

#### *3.5.2.3. Experimental object*

The target is the third-year students (K20), majoring in Music Education, regular university level, under the Department of Music Education - Hue Academy of Music.

### **3.5.3. Experimental organization**

#### *3.4.3.1. Experimental content*

Pedagogical experiment content to renovate teaching methods for electronic keyboards, specifically: innovating the process of teaching electronic keyboards, coordinating forms of classroom organization, using curriculum support materials electronic keyboards, technical applications as well as characteristics of Vietnamese works on teaching electronic keyboards.

#### *3.5.3.2. Conducting experiments*

#### *3.5.3.3. Experimental record*

### **3.5.4. Experimental results**

#### *3.5.4.1. Some criteria for evaluating experimental quality*

The results of empirical quality assessment through students' perceptions and attitudes are very effective.

#### *3.5.4.2. Results through lecturers' comments for experimental hours*

Master Doan Phuong Hai, the lecturer, now highly appreciates the experimental period of Thai Dinh Dung lecturers as well as experimental students.

#### *3.5.4.3. Survey results and student comments after the experiment*

After completing the experiment, most of the students' opinions prefer to study Vietnamese works, because of the rich content ...

#### *3.5.4.4. Results of instructors through empirical teaching hours*

After experimenting with teaching Vietnamese works on electronic keyboards, the results of evaluating, commenting on qualifications, techniques and acquiring new methods from students have shown remarkable efficiency.

### ***Conclusion of chapter 3***

The author has studied, drawn out the typical characteristics and based on the experience in teaching, learning, performing, to analyze the techniques and the arts, based on which give directions, transmit Download Vietnamese visual arts studies to students and lovers of this instrument.

## **CONCLUSIONS AND RECOMMENDATIONS**

With a limited scope, the thesis on teaching Vietnamese works written for electronic keyboards in the Music Education University training program, focusing on analyzing the value of contributions of Vietnamese works. in perfecting skills and qualifications for students. Hopefully the National University of Arts and Education, the Hue Academy of Music and the Saigon University as well as the institutions that are training other Music Education University in Vietnam, will apply Vietnamese works in the chapter. Required curriculum and exams:

- Define the right objectives and training methods, thereby creating a framework for teaching electronic keyboards for students of Music Pedagogy University.

- Include Vietnamese works written for electronic keyboards in a compulsory curriculum for Music Pedagogy students.

- Vietnamese works are one of the compulsory works in the examination program of all semesters.

- Encourage use of Vietnamese papers in place of a foreign test in the program of compulsory tests.

- Provide full information for lecturers and students to raise awareness and ability to choose.

- Promote the repository of Vietnamese works for electronic keyboards.

On the basis of general comments, the thesis wishes to convey recommendations in changing, the system of electronic keyboard curriculum for students of Music Pedagogy University in Vietnam later.

**LIST OF SCIENTIFIC WORKS  
RELATED TO DOCTORAL THESIS**

1. Thai Dinh Dung (2015), *History of electronic organ development in Vietnam*, Notice of Science from Hue Academy of Music, No. 10 (pages 74 - 79).

2. Thai Dinh Dung (2018), *Using musical material in works written for electronic keyboards*, Culture and Arts Magazine, Ministry of Culture, Sports and Tourism, No. 406 (pages 60 – 62).

3. Thai Dinh Dung (2018), *Vietnamese works written for electronic keyboards in training - Matters of concern*, Journal of Art Education at the Central University of Art Education, No. 24 (pages 26 – 29).

4. Thai Dinh Dung (2018), *Strengthening teaching capacity for electronic keyboards for students of Music Pedagogy University*, International Workshop "Music education in high schools today," organized by the Ho Chi Minh City Conservatory of Music day 16 month 11 year 2018 (pages 53 – 63).