

# Tentative Idea About Extruding Regional Feature In Advanced Occupational Education Of Guangxi

## --An Example From Vocational And Technical College Of Guilin University Of Electronic Technology

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**Abstract** - Explaining Some disadvantages of higher occupation education at present in Guangxi through description of Guangxi higher occupation education present situation and introduction of Vocational and Technical College of Guilin University of Electronic Technology, puts forward some improvement ideas with these disadvantages in order to highlight the regional characteristics and establishment of higher occupation education class .

**Index Terms** - higher occupation education; Guangxi; situation; improvement ideas; regional characteristics

### 1. Current situation higher occupation education in Guangxi

"The 11<sup>th</sup> Five Year Plan" period is an important period in Guangxi seize the important strategic opportunities, promoting rapid economic and social development, Guangxi economy expands unceasingly, GDP average annual growth of around 10%, the economic growth rate higher than the national level. Guangxi's rapid economic development has driven the great-leap-forward development of Guangxi higher occupation education, enterprise scale has become half of the country of Guangxi higher education.

#### 1) An increase in the number of Higher Vocational Colleges

A total of 72 colleges and universities in Guangxi, of which 39 of the Higher Vocational College (private 9); higher vocational majors have reached more than 1300, focus on the development of a number of good foundation, great potential for development, the social need of professional disciplines.

#### 2) Rapid growth of the number of students

From 2006 to 2008 in Guangxi higher vocational education is developing rapidly, the scale of enrollment from 77000 in 2006 to 2008 of the nearly 100000 people. The students grew from 200000 in 2006 to 268367 in 2008, the region accounted for 55.4% of high school students. These three years, Guangxi higher vocational graduates and employment rate in the increase year by year, especially the 2007 statistical college graduates employment rate reached 90.75%, grow 35% compared to the same period in 2002, slightly higher than the overall employment rate of College graduates. From the above data we can see that the economic development needs of graduates in higher occupation education a lot, have a certain theoretical basis and strong

hands-on ability, great development prospect of higher occupation education.

### 2. Characteristics of Guilin University of Electronic Technology and the purpose of the establishment of Vocational and Technical College in Beihai

#### 1) Outline of Guilin University of Electronic Technology

Guilin University of Electronic Technology is one of the four University of Electronic Science and technology, the Guangxi Zhuang Autonomous Region is also the key construction in Colleges and universities. Now has 17 colleges, covering engineering, science, the paper, pipe,, method and art of 7 disciplines. Has 8 key disciplines, the Ministry of information industry, 7 key disciplines, the Guangxi research base of Humanities and Social Science Key 1. A doctoral disciplines authorized 3. Through the construction and development of more than 50 years, the school has become the main work, electronic information subject characteristics, advantages, the university interdisciplinary infiltration, coordinated development.

#### 2) Project introduction

The existing staff of more than 1900 people, including 193 professors, 454 associate professors, doctorate 256 teachers, doctoral tutor 30 people, enjoy the special allowance of the State Council 36. In recent five years, the new national science and technology major support projects, major projects of national 863 program, the national "973" project, National Natural Science Foundation of China, national social science fund project, 138 state-level scientific research projects, provincial and ministerial level scientific research funds and 358 scientific and technological projects, the school has won the two prize of national scientific and technological progress. The national science and technology award, nearly five years won the Guangxi prize for progress in science and technology and above provincial and ministerial science and technology awards 43, winning a number of universities in Guangxi.

Has the only national university building "national software and integrated circuit public service platform" Guangxi center, Ministry of Education Key Laboratory 1, provincial and ministerial key laboratories 8, Guangxi Key

Laboratory of colleges and universities in 6, is one of the largest universities in Guangxi Key Laboratory of Guangxi

### 3) *The purpose of the establishment of Vocational and Technical College in Beihai*

With the establishment of China - ASEAN Free Trade Area and Guangxi Beibu Gulf Economic Zone development plan into national development strategy, put forward higher requirements to the more electronic information technology talent, Guilin University of Electronic Technology provides a good opportunity for the development of higher education in Beihai. In 2008, the establishment of the Beihai campus of Career Technical College, was founded in Beihai City, occupation education at college level. School of combined with the characteristics of higher vocational education, combined with the local economic development, pay attention to the cultivation of students' practical ability and professional technical ability, through the occupation education, students in technical education post basic education, professional training "high quality, technology refined" talent.

Vocational and Technical College will be to promote the Beihai regional economic development as the goal, work closely with the needs of local economic development, give priority to the development of Beihai electronic information, logistics, port and other related professional.

### **3. The current status of Vocational and Technical College of Guilin University of Electronic Technology**

#### 1) *The basic situation of the professional setting and teachers and students*

Many professional settings, Vocational and Technical College of Guilin University of Electronic Technology is mostly use the original undergraduate course content, although have been simplified, but the undergraduate pure theoretical teaching color is strong, although after several years of reform, great changes have taken place, has started to close combination of direction, highlight the characteristics of higher vocational education and made a lot of achievements but the distance of school-enterprise cooperation, vocational standard real, there are still a big gap.

At present, most of the young teachers of Vocational and Technical College of Guilin University of Electronic Technology is just graduated from university, on-the-job work experience is very few, although the enthusiasm high, but the teaching experience is shallow, lack of practical operation skills.

And students of Vocational and Technical College of Guilin University of Electronic Technology enrolled in the college level, enrollment in the college entrance examination scores is not high, at the same time in this fraction of height difference is relatively large, plus there are many students hold mixed diploma attitude to learning, so the teaching effect is not ideal, there were student think teachers are not rich work experience and not so convincing, teachers think that the poor quality of students, to teach.

#### 2) *The construction of laboratory and practice base*

The first, as the important infrastructure of higher occupation education, namely the construction of laboratory and practice base, there have been a part of the lab, but it can't meet the practical needs of teaching. The number of science and engineering students and students of liberal arts are similar, but the existing laboratory or in favor of the science and engineering, liberal arts can not meet the demand for laboratory.

The second is the construction of practical training base construction, because no special personnel to take charge of training base, is to rely on college leaders and teachers rely on to find the relationship itself, therefore completed the training base is limited, the number of students and the service is relatively small.

In addition to the construction of college management system is not perfect, the student and the teacher you don't know how to handle some of the teaching management procedures.

#### **4. Future vision of Vocational and Technical College of Guilin University of Electronic Technology, highlight the regional characteristics, the service for the local economy.**

The demand from leaders of Guilin University of Electronic Technology to build college with electrical characteristics of first-class. Based on the current situation of college, is simply not up to the requirements. We should give counsel for the sake of the future development about college,.

1) We consider that Beihai is located in the northern Bay Economic Development Zone, the geographical advantage, can make use of our college in electronic advantages for the service economy of Beihai. Through this service, continuously improve the construction of our discipline and curriculum content, making it more suitable for the practical need of society, in order to highlight the characteristics of our regional in college.

At present the main pillar of Beihai local economy, tourism, medicine, electronics, port logistics, marine fishery. Guangxi district government for the future development of Beihai is keeping the tourism development, focusing on the development of electronics and pharmaceutical industry.

Then combining the College in electronic communication, machinery processing, computer and other advantages, to arrange for specialized personnel and Beihai related enterprises to discuss cooperation in depth, is not only to establish the training base, but also cultivate the talents for the enterprise orientation.

2) In order to enterprise's operation, management of a more profound understanding of the long-term, can arrange teachers to business credentials, not only can improve the teacher's practical work skills, and can enrich the teachers' management experience.

3) In order to ensure the cooperation smoothly, we must have carried out the curriculum reform to modify the training

programs and, in order to meet the requirements of enterprise and market.

Through the cooperation with enterprises, make our teaching in specialized course content, method, teacher teaching level will be changed. Because of close to reality, also will attract students to study in earnest, thereby overcoming students' previous mixed learning attitude.

I hope these ideas can become a reality, and then make the college has become the regional characteristics of Beihai first-class Career Technical College.

### References

[1] H.F Qin, W.D. He. Problems and suggestions of higher occupation education development in Guangxi. China's school education

- existing ,October 2010
- [2] H. He, "The problems and Countermeasures of higher occupation education development in Guangxi," China Electric Power Education , vol. 35, 2011.
  - [3] M. G,Huang et al, "Guangxi occupation education achievements and difficulties and the Countermeasures" Economic and social development, December 2010
  - [4] Y Chen "Strengthen the construction of practical training base in higher vocational education promote the development of Beibu Gulf Economic Zone" Journal of Guilin Normal College, September 2010
  - [5] X.Y Tan, "Strategy and tactics of Guangxi occupation education group development" January 2010
  - [6] F. Zhong, "Guangxi higher occupation education. development characteristics research" College of educational science of Guangxi Normal University 2010