

WWJMRD 2017; 3(7): 231-234
www.wwjmr.com
Impact Factor MJIF: 4.25
e-ISSN: 2454-6615

Thuy Hong Van Nguyen
FHo Chi Minh, University of
Transport, Ho Chi Minh city,
Vietnam

Van Huong Dong
FHo Chi Minh, University of
Transport, Ho Chi Minh city,
Vietnam

Education and Training by Advanced Program: A Case in Vietnam

Thuy Hong Van Nguyen, Van Huong Dong

Abstract

Through the implementation of some advanced training programs of higher education, the project aims to build and develop a number of training disciplines, faculties and universities to meet regional and international standards. The advanced curriculum is applied by appropriately tailored training institutes based on the curriculum that is being applied in advanced world universities (original curriculum) and taught. Taught in English. The advanced program must be linked to the country's socio-economic development orientation and be consistent with the university's applied capacity. Schools which are assigned the task of implementing advanced programs must meet the following conditions: Training registration schemes must be of good quality and selected according to the general evaluation and selection process prescribed by the Ministry of Education and Training.. Schools must ensure the quantity and quality of management staff, lecturers and facilities; To work out specific and feasible plans to ensure funding for program implementation. For advanced programs, faculty members must have a master's degree or higher, professional qualification, English proficiency and English proficiency, and be able to afford at least 40% Space for scientific research; Establishment of research teams, collaborative research with foreign countries.

Keywords: Advanced Educational Program (AEP), higher education, training, university

Introduction

Nationwide, 23 universities in Vietnam have collaborated with 22 universities around the world. Of these, there are 20 programs in the field of engineering, technology, 5 programs in the economic sector, 1 in the health sciences, 6 programs in the natural sciences and environment, 3 programs in the agricultural sector. Most of the foreign partner schools are in the top 200 of the US News rankings. The schools assigned to carry out advanced training programs have signed cooperation agreements with partner schools to develop training programs, allow the use of original curriculum, Instructors are assigned to teach advanced curricula and support scientific research, exchange students, trainers in the process of training, accreditation, training supervision, graduation...

So far, fundamentally, the advanced training schools of phase 1 and phase 2 have bought most of the curricula that are being used for the original program of partner schools such as Foreign Trade University, Ha Noi University of Agriculture Interior, University of Irrigation, Can Tho University... However, the reference books are still limited.

The advanced educational program (AEP) is applied by appropriately tailored training institutions based on the curriculum that is being applied in advanced world universities (original curriculum) and taught. Taught in English; Marxist-Leninist courses are compulsory for Vietnamese students. The original program was selected from the university's curriculum in the list of 200 top universities in the world according to the rankings of associations, prestigious educational institutions or under 20% of the training programs. The best in the rankings of the training disciplines of national or international accredited academic accreditation associations. It must be a program with advanced content, coupled with the socio-economic development orientation of our country and in accordance with the implementation capacity of the university to be applied. Schools that are assigned the task of implementing advanced curricula must meet the following conditions: the syllabus for training must be of a quality and selected according to the general evaluation and selection process set by MoET. Schools must ensure the quantity and quality of management staff, lecturers and facilities; to work out specific and feasible plans to ensure funding for

Correspondence:
Van Huong Dong
FHo Chi Minh, University of
Transport, Ho Chi Minh city,
Vietnam

program implementation. For advanced programs, faculty members must have a master's degree or higher, professional qualification, English proficiency and English proficiency, and be able to afford at least 40% Space for scientific research; Establishment of research teams, collaborative research with foreign countries. Advanced program students are those who enter the full-time university; Have English proficiency that meets the learning requirements; Voluntarily apply for admission to the Advanced Program and pay fees in accordance with the regulations of the training institution. The advanced training period of a course of 4.5 to 5 years, during which the first year focuses on intensive English language training for students. Diploma of training issued by a Vietnamese university or a Vietnamese or foreign institution of the same level.

The facilities and equipment have been paid due attention by the schools to better meet the requirements of teaching and learning advanced programs: laboratories, laboratories newly built or upgraded; Private classrooms are equipped with good teaching aids. Over the past four years, the number of students enrolled in the various disciplines of the university has varied: the number of students in the majors is high, 60-80 students per class; The engineering majors have an average number of 30-45 students per course. Some majors can only recruit 20-30 students per course, such as the Physics Department of the Hue University or the Materials Science Department of the Hanoi University of Technology.

The total number of students admitted to the first year advanced program phase 1, 4 courses of 10 programs are 1,496 students, now to 1,332 students; Phase 2 includes 13 programs with 840 students, and now has 798 students. The drop in numbers is due to the fact that some students receive scholarships to study abroad; Some of them did not qualify for further study, so they switched to mass programs.

Among schools that have advanced training programs, some schools have attracted foreign students to study at the National Economics University, Can Tho University, Hanoi University of Technology, Hanoi University of Science (Hanoi National University).

It is worth mentioning that the quality of training under the advanced curriculum has increased significantly: most students in phase 1 and phase 2 have a minimum English level of 550 on TOEFL; The number of good, good, more than 75%. Many students receive scholarships right in the training process; nearly all graduates have jobs and are well respected by employers.

The Ministry of Education and Training (MOET) has so far assessed that most of the schools that carry out advanced training are in harmony with their foreign counterparts, making the program smooth and smooth.

In terms of teaching staff, most of the foreign lecturers involved in teaching advanced programs come from the US, UK, Australia... with solid expertise, modern teaching methods. Through this team, Vietnamese teachers have the opportunity to become acquainted with advanced teaching technology, improve their English proficiency and competence. However, the implementation of the first 100% of the courses taught by foreign lecturers is unsurprising: most of them only invite 30-40% of the lecturers to teach as planned. The cost is too high or the trainer cannot arrange the time. Some schools have to arrange a combination of foreign and Vietnamese lecturers

to teach or invite foreign lecturers to lecture on school summer break to overcome the above limitations.

Target

One of the ten outstanding educational events of 2005 was the approval of the Prime Minister's "Higher Education Education in Vietnam" (Resolution No. 14/2005 / NQ-CP dated November 2, 2005).). With the 15-year strategy (2006-2020), the objective of the project is to bring Vietnamese higher education in the region and reach the advanced level in the world. Based on that, the task of implementing training is Advanced Program for University, Information System Branch in 2007 (Decision No. 7581/QD-BGDDT) with the following objectives:

Developing an undergraduate degree program that reaches the level of advanced universities in the world.

Facilitate exchange and integration in training and scientific research; Upgrade synchronously the organization of training, professional qualifications of managers and teaching staff.

Students are able to acquire knowledge and improve their knowledge in a systematic way, enabling them to develop their ability to think and practice their professional skills and foreign languages so that they can have professional qualifications and foreign languages. Meet the requirements of society.

To build and upgrade material foundations in service of training, promoting scientific and technological research and international cooperation.

The successful application of this training model will be the basis for creating a breakthrough to comprehensively renovate the training activities of the University and promote effective international cooperation activities.

Real situation

According to the target, by 2020, some universities in Vietnam are ranked among the top 200 universities in the world. With that goal, strive for the end of 2015, implement at least 30 advanced bachelor programs in some universities in Vietnam; There are about 4,000 bachelor's, 600 master's, doctoral graduates trained; Attracting 3,000 international students to study and at least 700 international scientific staffs to teach and study at advanced training institutions in Vietnam; Trained 1,000 regional and international university lecturers, 100% lecturers taught theory in advanced degree programs.

The advanced curriculum is a form of licensing the curricula of prestigious universities around the world to teach in that institution. Up to now, most of the advanced training schools have purchased the original program of partner schools such as Hanoi Polytechnic University, Hanoi University of Science (Hanoi National University and University of Foreign Trade, Hanoi Agricultural University, Can Tho University... Currently, schools have advanced programs that have developed modern teaching methods. To meet the needs of integration, teachers have to communicate completely in English, have foreign lecturers participate, technology evaluation and accreditation of modern education. Many schools have attracted foreign students from the beginning such as National Economics University, Can Tho University, Hanoi University of Technology.

Actually schools have implemented this program, the funding for implementation includes state subsidy, tuition fees and other resources mobilized by each school. In fact,

each advanced program is funded by the state for the first three training courses, which will run from 2008 to 2015. The selection of programs to decide on licensing is very important, on the original curriculum, the schools compiled to better fit the conditions of Vietnam more important than many times. In order to implement the new program, refresher training activities for current or retired faculty members at the partner school are carefully considered. In addition, the investment in equipment, teaching materials... to ensure that teaching and learning are all aimed at the highest quality improvement, far more than the development of the whole spear system.

According to a report from the Ministry of Education and Training, there are 23 Vietnamese universities cooperating with other universities in the world and have deployed 35 advanced programs. Most of the foreign partner schools are listed in the ranking of prestigious educational associations and organizations in the world. The first ten advanced curricula that will end at the end of the school year will be accredited by the Asia Pacific Quality Network. Based on the evaluation results, the Ministry of Education and Training will replicate these models.

Overall, after 10 years of implementation, although there are some limitations, the project "Advanced training program (CTT) at some universities in Vietnam" has succeeded, fulfilled most goals suggest. The Advanced Educational Program (AEP) has made quite a comprehensive impact on the school's activities in the direction of standardization, modernization and international integration. It brings many benefits for lecturers, administrators and students of the program.

In addition, the Advanced Educational Program (AEP) has trained lecturers, administrators and students with sufficient English proficiency and skills and skills needed to participate in the reform of Vietnamese higher education, contributing to the development Economy and society of the country and ready to participate in international integration, which in the immediate integration of ASEAN economic community.

The evaluation of Advanced Educational Program (AEP) by international organizations, attracting international lecturers and scientists to teach, work in Vietnam and exchange international students has contributed to bringing Vietnamese education to Vietnam with regional standards and branding in the international arena.

Representatives of schools participating in the Advanced Educational Program (AEP) all confirmed the effectiveness and spillover effects of these program despite the initial deployment was difficult. In particular, business representatives also appreciated the quality of the graduates of the program when working in enterprises.

Deputy Director of Ho Chi Minh City Polytechnical University - Mr. Vu the Dung - said: After the implementation of the program, the quality of the program has been increasingly proven, the number of students enrolled in this program at the school as well as the beginning on the rise.

And the Headmaster of Maritime University - Luong Cong Nho - evaluated: The program created an international learning environment; to motivate teachers' thinking.

Mr. Nguyen Huu Tu - Vice Rector of Hanoi Medical University - shared: Some of the students of the School of Information Technology graduates are working with high salary in Germany; they have obtained certificates working in the international environment. "Many of them sign up as

school faculty and are committed to returning. When they return to Vietnam, they will be an important area for the school," said Nguyen Huu Tu.

At the University of Foreign Trade, two implemented programs have confirmed the quality, expressed in very high input points and quality output. Principal Bui Anh Tuan said: Students in high school CTT always belong to the top of the school, especially not only through the points but also evaluate the ability and foreign language. School graduates are highly valued by foreign partners and employers.

However, MoET's report, as well as the participants' comments, said that the success of the ADVANCED EDUCATIONAL PROGRAM (AEP) is only the first step, which needs to be further nurtured and facilitated; It is necessary to develop follow-up projects to support sustainable development and replication of the model in the Vietnamese higher education system.

According to Luong Cong Nho, in order to sustainably develop the program, especially the public sectors which are not attractive to learners, investment must be made to improve the quality of teaching staff; Equipped with international standard laboratory; To provide financial support for learners.

According to Vice Rector of Hanoi Medical University - Nguyen Huu Tu, wanting to successfully communicate the three biggest difficulties is the teacher's capacity, ability to organize and capacity of English students.

As for Ha Noi Medical University, we are able to continue this program with success in the past years. I also recommend reviewing the program, reviewing the strengths of each institution for effective investment and the right place. In addition, new investment should be made for the new program, as the old program has completed its mission," said Nguyen Huu Tu.

From the reality of the Foreign Trade University, Mr. Bui Anh Tuan said that in order for the program to spread and sustainably, the biggest problem is to develop the team, how to master the program, the content training, this is Difficulties need long-term, persistent investment.

The school has not been fully mastered yet and still needs the help of international instructors. Our solution is to ask the trainer to strive to meet an international school standard, requiring teachers to train overseas to master the program. This team will gradually replace foreign teachers. On the side of Foreign Trade University is still determined, maintain the program, "- emphasized Bui Anh Tuan.

At the conference, Minister of Education and Training Phung Xuan Nha exchanged frankly with each comment. In his speeches and exchanges, in addition to his training objectives, the Minister expressed a special interest in the sustainability of the program - through the Capacity Building Program for the school; From that training students are better, sustainable development... Along with that technology training; Partnership; Finance... These issues must be clarified and persuasive basis to continue to phase 2.

The minister said that it will continue to review the needs of the economy, select the sector in the direction of strengthening the spearhead technologies, sticking to the science and technology revolution, prioritizing 8 sectors of the industry according to Agreements within the framework of the ASEAN Economic Community... Participants are both public and non-public universities by

the method of assigning tasks, how the state spent the smallest amount but the best results.

The selection of majors, majors, the Minister noted, in addition to stemming from the existing capacity of the school; Partners also need to care about the market, career forecast. Avoid the status of selection is not standard; unit leaders are not really ready...

According to the Minister, after the planning of sectors and specialties, there will be projects for training human resources of high quality, not the ADVANCED EDUCATIONAL PROGRAM (AEP), serving for economic restructuring. MoET will also accelerate the accreditation, in combination with other criteria, in order to push for more investment-oriented schools in 2017, in the spirit of self-reliance.

During the afternoon session, Minister Phung Xuan Nha made a very detailed assessment of the AEP, as well as lessons learned after 10 years of implementation. Very specific suggestions for schools, directions for the next stage are also shared, analyzed, directed.

According to the Ministry of Education and Training's summary report, by Nguyen Thi Kim Phung - Director of the Higher Education Department - by 2012, the project has 23 universities implementing 35 programs Training of 22 universities around the world.

To date, the Scheme has recruited 13,270 students, including 69 students of ethnic minorities. The project has invited a total of 1,833 foreign lecturers to teach; A total of 880 tutors and 275 study mentors will be arranged;

The Minister of Education and Training Phung Xuan Nha said at the advanced program summation conference on December 30 in Hanoi.

Over 10 years of implementation of the "Advanced Program", there are 23 universities with 35 training programs of 22 universities in the world. So far, the program has brought many positive results, helping the universities to carry out the task of training high quality human resources.

To date, the Scheme has recruited 13,270 students, including 69 students of ethnic minorities. The project has invited a total of 1,833 foreign lecturers to teach; A total of 880 tutors and 275 study mentors will be arranged; There are 1,903 international students who come to study, practice and exchange academic programs.

The program has 3,601 graduates, including 255 excellent students (7.1%), 1,307 excellent students (34.3%) and 1,707 good students (47.4%). Most students find the right job or go on to a higher level after 6 months of graduation.

Under the direction of Minister Phung Xuan Nha, to develop a project to train high quality human resources for economic restructuring should follow three steps.

Firstly, schools must review training programs on the basis of careful study of the human resources market visibility 5-10 years later. Sticking to the policy of the Government, local policies to see what they are developing.

After having a quantitative map, a map of quality will be taken into account. Among the necessary industries, which sectors need attention?

Best schools should choose the majors from 35 advanced training programs.

Institutions include both public and private universities. The method in the direction of the new scheme is the assignment contract. How does the state spend the smallest amount but get the best results.

The goal of the Second Stage Telecentre Program is not to

be an effective source of revenue for the state but for the society, the educational unit and the educated.

Second, determine the school development, training capacity. It is a matter of the school not the Department's work. Then the school has to choose which program the school sees as the most important. Each school only needs 5 sectors to participate in the project, not develop ng ng ngan.

Third, with the new scheme, the ministry will not directly do the advanced program but will stand out to support the orientation. The scheme will be designed with clear policies, monetary support, and even human resources. The guideline is to support the learner's perception, not to support a target department as before, and between schools to be competitive.

References

1. <http://www.baomoi.com/nhieu-truong-dh-quyet-tam-duy-tri-chuong-trinh-tien-tien/c/21213379.epi>
2. <http://www.nhandan.com.vn/hangthang/khoahoc-giaoduc/item/13009702-.html>
3. <http://www.uit.edu.vn/chuong-trinh-tien-tien>
4. <http://dantri.com.vn/giao-duc-khuyen-hoc/nam-2017-dau-tu-trong-diem-dao-tao-nguon-nhan-luc-chat-luong-cao-dai-hoc-20161231160331758.htm>
5. <http://careerbuilder.vn/vi/talentcommunity/doi-moi-dai-hoc-theo-chuong-trinh-tien-tien.35A50BA8.html>
6. http://cttt.hmu.edu.vn/news/tID9861_De-an-Chuong-trinh-tien-tien-Quoc-gia.html
7. <http://www.baomoi.com/nang-cao-hieu-qua-cua-chuong-trinh-tien-tien/c/21217472.epi>
8. <http://www.nhandan.com.vn/giaoduc/tin-tuc/item/12154602-.html>