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FEATURES OF THE IMPLEMENTATION OF THE ERU AND TPU DOUBLE DEGREE PROGRAM

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The main channel for building up dynamic abilities and foresight competencies of educational enterprises and specialists, as well as the focus of foresight research in modern science and management practice is working with human resources, with the human capital of firms, communities, and countries [1]. A double degree is a graduate study program carried out by two different universities, where students complete their study at universities at the same time, or finish their studies at the first university and then start at the second one.

A double degree can be held by different institutions, in different countries or even in different fields of study, as long as there is an agreement between the universities. You can choose to study Business and Law, Engineering and Computer Science, History and Political Sciences, and so on. That's great news for those who want to catch them all, Other than getting two diplomas at the end of your study period [1].

Tomsk Polytechnic University offers ten dual programs among some universities in the world, including Egypt, France, the Czech Republic and Great Britain, and Russian is the official language of instruction at the university; our partner institutions offer curriculum in English or their national language. Students who start a double degree program at a partner university in other countries take courses in English at our school [2].

Today we will talk about the program between TPU and ERU, in 2015, the Egyptian Minister of Education and the President of the Egyptian Russian University decided to create a cooperation program between the Egyptian Russian University and Tomsk University of Applied Sciences. At the end of the program, graduates will obtain a double degree from Tomsk Polytechnic University and the Egyptian Russian

University. The supporter of this program is the Rosatom. Whereas, Rosatom is currently seeking to implement the El-Dabaa project to build a four-unit of Nuclear Power Plant and establish a scientific and educational infrastructure in the field of peaceful use of Nuclear Technology.

The state enterprise appreciates our cooperation with ERU, which lays the foundation for the creation of a training system for the implementation of the nuclear project. The roadmap is designed on the basis of cooperation between Russian-Egyptian universities, including Tomsk Polytechnic University, and its accreditation,” says Yuri Danikin, Head of Academic Curriculum Department at TPU.

The program will take 5.5 years, according to Dr. The first three studies in Egypt take place at the Egyptian Russian University according to the agreed curricula, then the student studies for two and a half years at Tomsk Polytechnic University in Russia. This program is taught in English. [3]. In fact, four groups entered Tomsk Polytechnic University, two of them have already finished their studies and have already received a double degree. The third group will finish its studies this year and the last group next year.

Tomsk University is distinguished by the presence of a nuclear research reactor. It is the only Russian university that has such a research facility and laboratory. According to the Ministry of Education in Russian Federation, a student can get an internship at the reactor of this university. This is what makes our cooperation program and other nuclear programs offered by TPU unique and very popular among foreigners.”

The aim of these programs is to assist students in achieving their career goals and expanding their academic interests. It is supervised by researchers from both universities.

A double degree program may come with a few challenges. Dealing with two different educational systems may be hard to adapt to, but this will help you learn how to overcome difficulties and become accustomed to an entirely new environment.

There are many advantages that a double degree program offers to aspiring students and some disadvantages. Let's get to know them.

Advantages

1. Get two certificates
2. Experiment and integrate two learning environments.
3. Double your professional network.
4. Get a double major in a shorter time.
5. Best use of your study hours.
6. Get a great job.
7. They help us learn to overcome difficulties and get used to a completely new environment.

Disadvantage

1. Leaves Little Time for Other Things
2. You'll be loaded with work.
3. You'll lack experience, that it's rather difficult to juggle study and work.
4. University related expenses are higher as compared to the regular degree.
5. There is no guarantee that you will eventually get a well-paid job.

Conclusion

One of the best possible directions for further development of the dual degree program is:

1. Recruiting nuclear teachers who are fluent in English to deliver information to students at a high level.
2. Bring in translators specialized in nuclear fields for teachers who cannot speak English.
3. Allow students to enter the university's reactor for training.
4. Cooperation with Rosatom and find training for students in nuclear power plant.
5. University assistance for outstanding students to find a job opportunity for them after completing their studies.
6. Holding several seminars to explain the university's programs.

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ВНЕДРЕНИЕ ИНЖЕНЕРНЫХ КЕЙСОВ В ОБРАЗОВАТЕЛЬНЫЙ ПРОЦЕСС

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Еще в 2019 году в Томском политехническом университете в рамках научно-образовательной конференции «Методы инженерных кейсов: достижения и вызовы будущего» началось активное обсуждение внедрения, так