International Distance Education (IDE)

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Abstract

This work is devoted to the most important topic of creating a universal International virtually fee-free education (General and special) under the auspices of the United Nations that is independent of the political regime and economic condition of the country. This is the only way to unite humanity into a single family, to create common criteria of common social behavior, rules and concepts of honesty, goodwill, good-neighborliness, to increase the potential of backward peoples, further vital economic and technological progress, and achieve international security. International Education was made possible by the creation of the Internet and plans to network the globe with an independent Internet and an independent space communication system. Of course, dictatorial and backward religious regimes that rely on the lies and ignorance of their people to maintain their authority will wildly resist the new correspondence (distance) education system. But civilized democratic States (if they want to survive in this worldwide struggle) are obliged to contribute to the creation and promotion of International Education, as well as charitable organizations. By the way, the attitude to this problem can be one of the criteria for the harmfulness of this regime for the progress of mankind.

Introduction

In the broad sense of the word, education is the process or product of the formation of the human mind, individual character and skilled physical abilities of an individual. It is a purposeful process of education and training, as well as a set of acquired knowledge, skills, values, functions, experience and competencies. Education is the process of transferring this knowledge accumulated in culture to new generations. Education is purposefully carried out by society through educational institutions: kindergartens, schools, colleges, universities and other institutions, which, however, does not exclude the possibility of self-education, especially in connection with the ever widening availability of the Internet [2].

In the ordinary simple sense, education, among other things, implies and, in the main, is limited to the training and education of students by the teacher. It may consist in teaching reading, writing, mathematics, history and various Sciences. Teachers in narrow specialties, such as astrophysics, law, geography or Zoology, can only teach these subjects. Specialization of education increases as students grow older. There is also teaching of professional skills such as driving. In addition to education in special institutions, there is also self-education, such as through the Internet, reading, visiting museums or personal life-experiences. The level of General and special education is determined by the requirements of production, the state of science, technology and culture, as well as social relations.

The right to education is now confirmed by national and international legal instruments, such as the European Convention for the protection of human rights and fundamental freedoms and The international Covenant on economic, social and cultural rights, adopted by the United Nations in 1966.

UNECKO UN should be engaged in education, but it does not fund its Educational Programs and almost all of them fail.

Unfortunately, the vast majority of the world's population cannot exercise this right because of the existing, old education system, the high cost and small allocations to education from the state budget, especially in poor, developing and dictatorial countries.

54 UN countries have up to 40% of the illiterate population [1]. 57 million children do not attend school. 74% of people do not have full secondary education and less than 30% (including developed countries) have full higher education [2] . The situation with obtaining a specialty or acquiring a new specialty is especially difficult due to the rapid development of technology, the death of old specialties and the emergence of others that require higher knowledge and General development.

Currently, youth education is organized in more or less civilized countries through kindergartens, schools (gymnasiums), special educational institutions and courses. Democratic States support self-education, continuous education throughout the active life of a person (as the educational need arises), extracurricular, distance and additional education.

With a natural-like approach, the following tasks are set and solved in the school:

1. Determination of the composition and magnitude of the natural abilities of each student (including by trial development of a small amount of certain knowledge, IQ and other evaluative individual testing).

2. Nurture, nutrition (education), education of the identified abilities in accordance with social opportunities and needs, as well as personal aspirations and characteristics of the student.

Currently, General education (folk) schools in most developed countries from the United States and Western Europe to Japan are built on the basis of a natural-like approach.

The hierarchy (in the field of scientific, engineering, etc. career) is simplified as follows:
1. primary education;
2. secondary general education;
3. secondary (full) education;
4. secondary (professional) education;
5. bachelor of higher education;
6. magistracy;
7. post-graduate studies (internship, residency, adjunct) (for the degree of candidate of Sciences),
8. doctoral studies (for the degree of doctor of science).
9. further professional development.

At the same time, there are certain (and significant) differences in the number of levels of this hierarchy in different countries.

Shortcomings of the existing education system. Currently, schools, gymnasiums, colleges, institutes and universities are mainly used for education. Sometimes they have departments or private courses of correspondence (distance) education. The problem is that ordinary education is very expensive, requires a large number of highly qualified teachers, personal presence of students, and therefore additional costs for the hostel, food, textbooks, etc. Most modern educational institutions are mostly interested in obtaining money, sometimes by offering very over-priced educational services. They do not take into account the individual abilities of students and are unavailable to low-income families.

Truth in the US there are educational loans. But after graduation, students come out with huge burdensome financial debts, it is difficult to get a job in the specialty. They are forced to accept any job and their education is thus rendered almost useless. And, people's abilities are so different that most so-called "specialists" can only do routine work. The value of diplomas of different educational institutions is very different (although diplomas of prestigious universities rather speak about the state of their parents) and in many countries are not recognized.

Education Expenditures by Country [3]. In 2015, the United States spent $12,800 per full-time-equivalent (FTE) student on elementary and secondary education, which was 35 percent higher than the Organization for Economic Cooperation and Development (OECD) average of $9,500 (in constant 2017 U.S. dollars). At the postsecondary level, the United States spent $31,000 per FTE student, which was 93 percent higher than the average of OECD countries ($16,100).

The Advantage of a Global Education.
1) The Main advantage of cost-free world education (especially primary) will be that it will be available to all persons free-of-charge all regardless of the regime, country and place of residence. And, as the formation of the United Nations, it must be accepted by all member countries of the UN Organization. It is particularly important for developing countries, many of which lack qualified education.
2) World education will be objective and will not depend on the dictator (regime), religion. It will contain only facts, there will be no falsification of history, lies, inculcation of hatred towards other Nations, calls for war.
3) It will be available to people from developing countries, where there is continuous poverty and no education at all. This will dramatically increase the level of education of the population in many backward countries, IQ and technological progress in the World.
4) Capable students can improve their knowledge according to their abilities and fervor to learn.
5) Introduction of minimum International Programs for primary, secondary, special and Higher Education.
Types of education:
1. Lower (literacy, writing, arithmetic and simple communication in a given language, communication with people), (2-4 years).
2. Average (General information about the World, major countries, their structure, economy, human rights).(3--6 years.). Simple English language.
3. Secondary special (simple universally used professions. For example, the driver, the Builder, etc.), (1-2 years, including practice on production).
4. Higher (bachelor, engineer) in this specialty (including diploma project for engineers).(2-4).
5. Scientist in the field (thesis, scientific works), (2-3 years).
Organization. The IDE organization should be created on the Wikipedia type: programs and textbooks should be taken ready or created by volunteers and checked by officially approved representatives of IDE. Forums of participants of page FAQ (Frequency Asking Questions) are created, teams of volunteers answering difficult questions are also possible.

The International organization of Universal free Education should be registered in the UNO. A world library of free Internet Programs and textbooks has been created. Organized local (by country) exams (types 1-3 in absentia via "Skype") and defense of diplomas and theses in the presence of representatives of the UNIVERSITY.

As a result, international UNO Certificates of Education are issued.

Financing. The most pressing issue is the issue of financing of IDE. First of all, we note that with the well configured and efficient organization, funding is hundreds of times less than the existing education system. There is no need to build school buildings, pay for teachers, print books and textbooks, transport students to schools and homes, organize meals for students, conduct teaching focusing on the average student, and even on the most stupid. Each student will be able to advance with speed, according to their abilities and learn the latest achievements in their selected special field.

The only difficulty for poor countries is the availability of proper computers capable of accessing the Internet. So, for really widespread education, you need a special cheapened tablet-type computer, which in mass production will be inexpensive, can be used by other family members, serve as a means of tele-communication and even as a camera. Well-performing students, it can be leased for a small fee or as collateral for a small amount.

Expenses of organizers will be only in the beginning for drawing up programs of registration and training. With a developed IDE system for developed countries for high scientific degrees (master, Ph.D., it is possible to introduce a small fee and ask for donations, as Wikipedia does from time to time or many public organizations widely used by the population.

Scam (fraud). Many people may say that IDE will lead to cheating. Specialists will quickly take courses, take exams in absentia, receive diplomas and sell them. We often see this in Russia, when wealthy people, highly placed officials order dissertations, receive academic titles and use them for promotion. For IDE, this does not apply. Modern computers have a pattern recognition system. The training program will not open if the photo of the incoming student does not match the photo of the registered student. Image identification and verification are a function of artificial intelligence which is now becoming widely available and remarkable inexpensive. In addition, the learning process is recorded, the student is constantly photographed, the diploma is issued with a photo of the student, and no hacker will agree to spend a lot of time, pass all the subjects for the sake of the amount that he will be able to pay. Even in Russia, a few years ago, an automatic program "Discerned" was created, which exposes fake dissertations made up of pieces of other people's works.

Discussion

Dictatorial, non-democratic, religious regimes will be categorically against independent objective education. They will inevitably raise a cry about their own Internet, independence, sovereignty, about their own education system, which will be reduced to an iron curtain, false propaganda and fooling the masses. This we see on example Russia (even Wikipedia they want create its, and Tablets, only with their government approved computer software), China, North Korea (where the Internet is banned, monitored or shut off whenever it is found to be necessary by harsh governments), Arab countries.

But democratic states must pursue an open channel, open mind policy. Their most important weapon is the truth, the complete technical, economic and military isolation of dictatorial aggressive regimes.

Unfortunately, the squabbles that we see in the struggle for power between certain groups in democratic States, disregard for the interests of the country, national security can end badly. As a result, dictatorships will inevitably fight among themselves (remember Hitler's Germany and the USSR). In our nuclear age, this will be the end of human civilization.

International Universal Education is unlikely to interest statesmen. The main hope for large charitable foundations and big entrepreneurs willing to leave an eternal memory of themselves as Nobel (Nobel prize) or J. WILES, L. Sander (Wikipedia), unfortunately, most of them spend their money on small short-sighted goals, for example, temporarily feed the population or cure AIDS in Africa. Let me remind you that this only prolongs the existence of dictatorial regimes, leads to the multiplication of fools and the death of benefactors. So it was in tsarist Russia, South Africa and elsewhere.

I will remind the wise American parable: feed a man with fish, and he will be full one day. Teach a man to fish, and he will be fed all his life.

Therefore, I appeal to charitable foundations and wealthy people with the following appeal: to make a contribution to the outstanding breakthrough-the progress of mankind and leave behind an eternal monument to their existence.

International Organization of Distance Education (IDE)

(Education Proposal in charitable foundations and rich people)

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54 UN countries have up to **40%** of illiterate population [1]. **57 million children** are not in school. **74%** of people do not have a complete secondary education and less than **30%** (including developed countries) have or do not have a complete higher education [2]. The situation with obtaining a specialty or acquiring a new specialty is especially difficult due to the rapid development of technology, the withering away of old specialties and the emergence of others that require higher knowledge and General development.

Fortunately, thanks to the development of communized personal computer technology, including artificial intelligence features, it has become possible to make a giant leap in the education of mankind, and thus in the development of industry and the economy of the 21st Century World, in reducing poverty. Make a breakthrough with minimal means and regardless of the state structure and government of any country. We are talking about a world-wide standard of primary, secondary and vocational education that will equalize the educational opportunities of **all** people, reveal their maximum abilities and move forward industry's progress and the well-being of all people.

This is an **I**nternational organization of **D**istance **E**ducation on the Internet (Skype) (IDE named *your name*) of any person in any country. All that is required is a simple cheap personal computer (or portable tablet) and the fervent desire of any person to get an education and, later, a specialty.

Many people are afraid of fraud, that diplomas of education and profession will be obtained by crooks. However, with the current state of computer technology, this is easily avoided. Training will be carried out by Skype Bots and modern programs (for example, Windows) easily recognize the person. The diploma (or certificate of profession) will contain a photo of the person who really passed the full course and passed the qualifying exams.

The initial expenses of the organization are small: This are the programming of edition, textbooks and record lectures. It is possible to use a huge number of free programs such as Textbook Revolution website, textbooks and lecture notes, outstanding teachers and scientists that have accumulated in existing educational institutions or to attract volunteers in individual specialties. Organize answers to frequently asked questions, discussions, forums, exercises and volunteers as it is done now by companies to train users of their products.

The training of the first-degree free exams (possibly on Skype and free practice in the production agreement) with the results of a professional degree in a specified period (e.g. 5-10 years) and a small fee for the extension of the term (teaching innovations in the past 5-10 years) to support the organization IDE. Fundraising is also possible. For poor students-honors of the developing countries may be a small scholarship and help in the acquisition (leasing) of inexpensive educational computer.

IDE should be registered in the UNO, UNESCO, because the right to education is written in the UN Decisions. IDE diplomas must also be recognized by the UNO. Such regional education organizations may join the IDE if they meet the requirements of the IDE. Or receive the right to teach and issue local diplomas from the local Government.

Content works (the **first stage**, phase) on primary grant ($100K, 6 -12 months).

1. To study the state of primary, secondary, vocational and higher education in the United States.
2. Classify the main levels of each education (2-5 levels).
3. Preparation of rules for Admission, ID testing, training and assistance in the process of learning, job search after graduation.
4. Create a short Program of basic subjects for each level (at least 20).
5. Develop a methodology for writing textbooks, manuals, exercises and exams.
6. Pick up textbooks, tutorials and exercises from those that already exist in the free access and write instructions or recommendations for their use.
7. Write appeals to volunteers (teachers, lecturers, assistants and professors of the USA) with a request to get involved in this work.

The second stage (Grant $1M, 1 - 2 years).
Compiling and debugging Programs IDE. Launch of the initial version in the USA. The beginning of the spread of the IDE to the whole world and self-financing.

Message to charitable foundations and rich people.
 Dear Fund Managers!
  I have studied the activities of Your Foundation and admire the huge sums you spend on charity. However, I was very upset by the method and topics on which the money is spent. I will try to explain briefly.
  People of your status with skillful management can change the **whole World** and should leave an **eternal memory** of themselves and their activities. This is possible under two conditions:
1) Hundreds of millions of people should use the easily available product of your work every day during the life of human civilization.
2) The Product of your labor must exist independently without your constant investment and can even bring significant income.
  See how others have tried to achieve this through charity: A. Nobel (Nobel Prize), J. WILES, L. Sander (Wikipedia), Elon Musk (space, new rockets), M. Zuckerberg (Facebook).
  Wikipedia and Facebook partially meet these requirements. All your charity from the point of view of the mentioned conditions, especially in the field of medicine, is ineffective. Let's say You have achieved a cure of the disease. Several hundred people were cured and medicine began to prevent this disease. And humanity has forgotten Your existence.
  About ten years ago, a small attempt was made to teach individual disciplines locally. But in 10 years, technology has gone far ahead. There were built - in computer web cameras, image recognition programs, Bots, Skype, large computer memory, the world wide web, accumulated a large number of educational materials and free textbooks in the public domain.
  All this makes it possible to raise the question of a **Worldwide Education** (IDE, named *founder*) of all people in accordance with individual abilities and the issuance of international diplomas. This will give a giant leap in the development of the economy and well-being of all people on Earth.
  I will remind you a parable: It is possible to give to hungry man the fish and it will be full and to remember You one day. But you can teach him to fish and he will always be full and remember You all his life.

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