

The Effect Of Training In The Management Of New Technology

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Abstract: Training in the knowledge of the dynamics of survival, development and transfer of knowledge is one. Formal education and university system, known as the best way to do it. Tape and the deviation in the system, will cause irreversible damage and losses. Especially when one of the failures and losses are not much to know and test tools in the study of knowledge, operating like the energy is valuable. It can be thought of as blood vessels. The important mechanism is the use of technology in the field of energy. Through a variety of formal academic training is available. Although the branch of pathology training in the energy sector themes and concepts will be covered countless. But here we are on the education system to the analysis of energy technology and the possible deficiencies that we identify. This paper will be limited to pathology education, energy technology.

Key word: Management, Pathology, Education, Development

INTRODUCTION

Industrial and developing countries such as Germany, Denmark, France, Spain and America, has paid special attention to energy technology education. So that practical training in these countries has formed the foundation of development. The first countries to optimize energy supply systems and then to develop technical education in general and specialized educational centers have attempted to reach the goal, but in the Third World (New energy supply technology for the lack) we are forced to teach the proper use of the technology we rely more energy to reach the destination. In developed countries, new technology is a sustainable advantage in the third world countries like Iran as well as educational benefits are considered unstable. Despite some seemingly minor flaws in the education system such knowledge, may in time lead to such terrible consequences in the field of community development. It's never easy to compensate for negligence that it was not. The teaching of pathology in such critical condition at birth and growth process will begin. In pathology education, energy technology, can the study of four areas of said. a comprehensive plan to be at the macro level (national), industry (sector) and plans and the overall compactness and decided to share some important part of the section Separately from the national level is clear. Should be considered so that the process went and incomes have steadily between different levels. The inevitable discussion about education, they are separated and followed by a discussion. The connection between the work of perhaps the most important parts of a planner, coordination between various activities. This requires a relationship between the sectors and activities. And according to statistics provided by nearly 40 percent of total energy production in Third World countries with energy resources, such as houses, depending on the environment, and covered environments of the industrial. About 50 percent of these losses are due to different reasons. Several strategies to optimize energy consumption is available ..

2 - The importance of training in new technologies:

- A - direct relationship with education for sustainable development, energy independence and national
- B - need for training in management and energy saving
- C - Extra special attention and developed countries such as Germany, Denmark, Spain and America's Energy Technology Training
- D - fear of not meeting the energy production from agriculture and increasing food prices and reduce irregular (irregular fluctuations both increase and decrease in oil prices)
- E- The crisis in global energy supply costs (due to the downturn in the global village)
- F - at the regional level, such as sustainable energy supply uncertainty, rising energy prices and the rationing, lack of energy, perhaps a decade or even longer (especially in the current situation in the oil-rich country like Iran)
- G - stress caused by energy supply, especially in the 3-month summer period.
- H - the need to optimize the education structure of the energy (with respect to Iran in the next 25 years will not be exporting oil
- I. - high population and high volume of students with greater effectiveness and applicability in the design community

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J - the intense academic environment.

K - appropriate use of educational technologies

Intrinsic and global promotion of new attractions such as nano technology, stimulate education in this field for many students is to study the degree of competition has intensified to the unconscious. But do not force the training process in this system may be faced with the traumas you. That such injuries are:

A - Due to the lack of clear boundaries on nanotechnology and the lack of adult education in the universities, some of the conventional macro-scale to nano-tags are provided to students.

B - the universities for their leadership in establishing the field of nanotechnology education, regardless of its chains. This will cause a problem in the next few years with no forces to face the job market. In this case, Iran's share of global production of nanotechnology, the production of cheap labor for foreign markets will be expensive.

C - What is the definition of nanotechnology research projects for students and interested students in other disciplines that require planning. Now clearly defined projects in our universities and teacher-centered program. Only in the direction of faculty expertise and research interest is defined. In case such an event for the field of nanotechnology research in the islands were completely isolated and without any relation to the target will follow. The initial projects, and repeated its aim of growing up and this will reinforce the impression Research in nanotechnology means that away from pouring money, look at some of the categories of research have found.

Nanotechnology courses being taught in universities in order to effectively and avoid wasting time, wasting manpower and money to waste material should be done:

A - personal motivations in teaching does not enter nanotechnology. For those who are more qualified to teach the scientific field (with measures such as teaching experience, education, research, presentation of valid papers, patents in related fields) is better..

B - Design training courses to be thinking long term. Before a student is accepted for this course, be clear about his work and the future of education in the production chain to be seen.

C - projects designed to continue the chain and universities in research programs, they did this project. As the Europe Union's research and development projects aimed at specific and predetermined its chain, even in projects in several countries is done separately.

3 – Bettis Model:

One of the best models in 1982 is presented by Bettis, the performance characteristics of the industry (IC), strategic decisions (S) k and so forth. The model for performance evaluation is designed and covers all the models.

$$F(IC, S, k) = \text{plan, practice} \quad (1)$$

Below we consider the supply chain knowledge. Accordance with the formula $P = f(IC, S, R)$ action plan, knowledge, knowledge of the plan can be calculated in each chain.

$$P_i = o_1 * IC_i + o_2 * S_i + o_3 * k_i \quad i = 1, \dots, 6 \quad (2)$$

In the above formula and o_j ($j = 1, \dots, 3$) weights are the parameters.

Given the performance of each chain in the knowledge supply chain performance (PR) in a dominant design can be calculated, which is as follows.

$$PR = t_1 * P_1 + t_2 * P_2 + t_3 * P_3 + t_4 * P_4 + t_5 * P_5 + t_6 * P_6 \quad (3)$$

In the above formula is t_i ($i = 1, \dots, 6$) weights are the parameters.

At the top for ease in speech patterns, communication is the secret knowledge, if you consider the other interactions. The proposed model can be developed for supply chain performance measurement in the knowledge that Can be admitted for further investigation.

The role of education in energy management:

Following the country's industrial development and urbanization and the increasing demand for various types of energy consumption, the need for comprehensive and systematic approach to this issue is important and vital sense of the past. In fact the country has become a key and strategic development. Given the impact energy in various fields of economic, industrial, political, social and environmental management, energy in the country and gained the status of different solutions such as reducing energy subsidies, or adjusted, corrected for the consumption pattern, reducing energy intensity and use of the correct price, to achieve this goal is important. Adjustment and optimization of energy systems is one of the important tools and energy management in organizations, industries, commercial and domestic use is. These include energy management control systems

for consumer energy. In this design all the performance indicators of consumer energy systems such as heating and cooling systems, air conditioning, lighting, enhanced by the sensor continuously measures the performance of the equipment is intelligent control. Intelligent control system was completely unlike the traditional controller, the processing conditions and the performance of all the equipment to an optimal control. The implementation of building energy management systems (Building Management System) and use of intelligent control systems for cooling and heating, ventilation, lighting. Reduce fuel consumption and energy (to the border 38%) and hence will reduce costs and pollution. The oil crisis of 1973, the use of fossil fuels to products with low added cost. Due to their geopolitical, according to the availability and price, were quickly becoming scarce commodity. On the eve of war, the role of fossil fuels, as the world's most important source was revealed. The recent phenomenon of global climate change, the extraction, conversion and use of excessive energy is of major concern. Actual development and implementation of educational programs for all levels, is very complex and requires attention to various issues and approaches. Some important issues include: evaluating and forecasting manpower requirements, provide the necessary data at different levels for students faced with the task requirements, integration of data within the curriculum and general attitude to education, energy, design, development and implementation of specialized energy courses for technicians, mechanics, engineers, and ensure cooperation between energy and environmental education. Increasing energy production capacity to meet peak demand is not economically efficient. Due to the short time, the peak energy demand, which may be in about a month and it is time for a few hours a day, generating awareness as a very effective alternative. By companies producing electricity and energy used takes. One of the most important programs to reduce energy consumption, which is aimed at changing behavior and attitudes of energy consumers, are aware of. Awareness of energy management practices at no cost and is inexpensive. Final energy consumption should encourage consumers to avoid excessive internal stimulation and to be energy saving. But this point should also be noted, however, change attitudes, behavior and habits of energy consumption is largely a problem. In an effort to notify the audience that included components of cognitive beliefs, thoughts, facts, knowledge, beliefs and emotional component of viewers' attitudes and feelings, interests, motives and values, positive behavior change goals is to achieve savings. Energy as a critical phenomenon in which consumers and professionals can be trained apart. Most students in the field of mechanics, chemistry and electrical engineering at the different aspects of energy extraction, conversion, transmission and consumption, as part of their curriculum are. But issues such as energy resources, availability, alternative fuels, environmental impacts and energy efficiency issues are not considered. Therefore, the independent educational programs that address energy issues at various levels of education and little attention has not been a comprehensive training program for all Departments have been developed with different conditions. For energy efficient building programs, it is necessary to develop programs tailored to different groups. United Nations in 2005 passed a law whereby education is also part of human rights, a necessary condition for achieving sustainable development and an essential tool for good governance, and promoting democracy is an informed decision. Therefore, for consistency with environmental education, capacity development for the people associated with the conservation of natural resources. The result of this, education and energy, as a new field of energy studies, two types of fast-emerging and taking shape: the professional development of energy (energy experts) and literacy development in energy compulsory courses in elementary and secondary education.

One of the areas that are now considered experts in energy management has been discussed is education. Today, the emphasis on providing information to students in an organized and systematic approach based on energy savings and renewable energy there. Increasing awareness of youth issues, the underlying cause of emancipation from the status quo and responsibility among consumers about the energy. All students and teachers with the concepts and methods of environmental protection, as part of formal education are met. Due to the fact that knowledge about the energy boost is in childhood, school plays an important role in this success. The children were more receptive to new concepts and can serve as educational factors. And thought leaders in the House and the growth of citizen awareness about the environment will be. Education can induce central role in energy saving and efficient behavior and attitude can play in society. Europe Commission of the educational activities that raise awareness about energy conservation, and supports. Eighth Commission's priorities in Europe, the operational plan is to raise awareness about energy efficiency. The commission, to the financing of energy projects, training, entitled "Intelligent Energy Europe Programme" deals. The measures taken by the Union of Europe in this field in support of persuading children to consume energy projects at the local level, forcing children to conserve energy through education, programs for the children, and active learning Other projects that were implemented in 2008. Other applications include: (a school education, higher education, adult education and training in other ways, and ICT in education). To avoid wasting energy by using education and technology solutions to the day, is more effective. In this way, public access to environmental compatibility with future increases. Zagafakys results of energy saving programs and projects for education and its important role in various levels of education were studied Greek Creek. Rate of statistical tests, in all questions related to the energy of students and parents identify behaviors that often. After the appropriate information and training projects in partnership with energy, these behavioral changes have led to the effectiveness of energy efficiency:

the percentage of responses in this study shows that the effective energy of the people involved in the project increased is. However, energy dissipation is also reduced. To develop a curriculum for teaching issues related to conservation and energy efficiency for different periods can be changed consumption patterns. If the programs and units and targeted courses to be introduced in school systems, various defects that exist today in different sectors, will disappear.

Conclusion:

A comprehensive plan should be at the macro level (national), industry (sector) and Bngaha (plans) and the overall compactness and decided to share some important part of the section Separately from the national level is clear. Should be considered so that the process went and incomes have steadily between different levels. The inevitable discussion about education, they are separated and followed by a discussion. The connection between a planner and perhaps most important, the coordination of the various activities. This requires a relationship between the sectors and activities. And promote the inherent attractions of the new technology, which has stimulated many students to study in this field. Competition in this field of study to know the unknown is worse. But do not force the training process in this system may be faced with the traumas you.. In order to increase power generation capacity to meet peak demand is not economically efficient. Due to the short time, the peak energy demand, which may be in about a month and it is time for a few hours a day, generating awareness as a very effective alternative. The curriculum developed specifically for education savings and energy efficiency issues related to different periods can be changed consumption patterns.

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