

On the Practice of Moral Education about Ecological Science and Technology in Universities on Ecological Civilization

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Abstract—University students are the fresh troops of ecological civilization construction. In recent years, Shandong University of Science and Technology in terms of ecological and moral education made a good attempt, and achieved good results. Practice shows practical ways of university moral education include eco-technology: They are to bring the moral education of science and technology into the curriculum system, to enhance the practice of university students in science and technology, to construct strong moral educational environment of science and technology, to enhance self-education of university students, and to perfect the safeguard system.

Keyword-ecological civilization, moral education of science and technology, practice

I. INTRODUCTION

The party's 18 report, "We must raise our ecological awareness of the need to respect, accommodate to and protect nature. We must give high priority to making ecological progress and incorporate it into all aspects and the whole process of advancing economic, political, cultural, and social progress, and work hard to build a beautiful country, and achieve lasting and sustainable development of the Chinese nation^[1]." Real life is the starting point for eco-technology university moral education, moral science and technology university practice ecological soil. Famous American psychologist, educator John Dewey and educator Tao xingzhi of our people have long proposed "Education is life" and "life education" theory that school education cannot be separated from social, moral education cannot rely on the knowledge teach, but should be done by participation in social life. University students are the fresh troops of ecological civilization construction. Ecological technology moral education university's on ecological civilization is rooted in real life in order to achieve tangible results. In recent years, Shandong University of Science and Technology in terms of ecological and moral education made a good attempt, and achieved good results. Practice shows that the practice of ecological civilization under way ecological technology perspective university moral education includes the following five areas

II. UNDER THE PERSPECTIVE OF ECOLOGICAL CIVILIZATION UNIVERSITY MORAL EDUCATION MUST BE INCORPORATED INTO THE ECO-TECHNOLOGY UNIVERSITY CURRICULUM SYSTEM

Modern university in obtaining rapid development, while its nature is also facing growing challenges to the human spirit fading, and other issues of academic anomie exposure is witness^[2]. the face of increasingly serious ecological crisis, the lack of human spirit and academic anomie, universities to continue to research and innovation, eco-technology and moral education can fully reflect the times of ecological civilization, expanding the breadth and depth of moral education, Universities should "China dream" education, ecological and moral education, moral education in science and technology, science and ethics education into the curriculum.

A. *Structural adjustment programs, increase the "China Dream" ecological moral education and educational content*

In the past, due to the environmental problems we did not cause enough attention away from the political and economic center of life, and therefore also for the ideological and political education are ignored. In recent years, with the deterioration of the political conflict between economic development and ecological environment have become increasingly prominent, which is to improve the ecological and environmental problems to a party's major policies related to the country's political stability and economic development to new heights. November 2012, the CPC Central Committee General Secretary Xi Jinping during a visit to "Revival Road" exhibition was first proposed the concept of Chinese dream. He believes that "to achieve the great rejuvenation of the Chinese nation is the greatest since the Modern Chinese Dream^[3]." The party's 18 report: Strengthening ecological civilization education, enhance people's awareness of conservation, environmental awareness, eco-conscious, rational form of social spending habits, care for the ecological environment and create a good atmosphere. Thus, in the practice of science and technology university in the moral life, to consciously put "China Dream" education and moral education into the curriculum of ecological systems, provide motivation and support to implement the scientific concept of development.

B. The moral education of science and technology throughout the teaching process in the classroom

Currently universities in the curriculum, although there is " ideological and moral cultivation and legal basis " and other classes, but most of the content of moral education in social morality, professional ethics and family virtues, and few moral integration of science and technology education courses, for which to learn from foreign experience in eco-technology moral education, eco-technology related content penetration of moral education in professional courses teaching.

C. Learn from the experience of other countries, the scientific ethics education into the curriculum system

European countries attached great importance to young researchers for scientific and moral education. Germany has called for young scientists to teach science and moral lessons. The vast majority of the French academy of agricultural sciences unit belongs to the implementation of the various forms of scientific ethics education. Learn from foreign practices, ethics of science education should be included as a necessary course curriculum.

III. ECOLOGICAL CIVILIZATION PERSPECTIVE STUDENTS MUST STRENGTHEN TECHNOLOGICAL UNIVERSITY PRACTICE

Ecological technology moral education in universities only to life, based on the recognition and attention to the dominant position of respect for the lives of people in order to really come into the hearts of university students, burst infinite vitality. Adhere to the theory and practice, educating people in their daily life practice eco- technology university moral education of the fundamental principles of life. Thus, university education should not only carry out ecological civilization, but also focus on strengthening practical aspects, the social practice of eco-technology as an important way of moral education ecological civilization construction.

A. Vigorously carry out various forms of moral life of the ecological theme practice

By organizing environmental knowledge and essay competition organized environmental groups to carry water, electricity, waste materials recycling activities, carry out "clear white pollution , beautify the campus environment " as the theme of the practice through the establishment of environmental volunteer teams to improve the ecological Students sense of participation , enhancing ecological responsibility.

B. Carry out a variety of eco-technology practice of moral education to life

Practice through education , organizing visits, social surveys , student research project and other forms of eco-technology moral education activities in an effort to make science and technology ethics into the university's initiative.

C. Regularly organizes environmental education television viewing excellent piece of information and write Feedback

Through the organization of university students watching "Man and Nature ", " Heaven ", " Hoh Xil ", " seafood Corps " and other excellent teaching and writing film piece Feedback to help students understand the status of other organisms lifestyle and ecological crisis , university Students' love of nature and concern , perceived support for ecological protection to prevent environmental pollution and ecological damage .

IV. UNIVERSITIES MUST CREATE A STRONG TECHNOLOGICAL AND MORAL EDUCATION ENVIRONMENT

Moral education in eco-technology in daily life, education and management are complementary, in everyday life; management is also an important part of university moral education and eco-technology important channel. Therefore, universities should establish a " management should educate people" philosophy, and strive to build long-term mechanism of ecological science and technology university moral education management.

A. Playing the role of guiding and supervising public opinion

Ecological technology moral education universities to aid orientation and oversight role of public opinion widely publicized ethical and scientific knowledge of ecological civilization, to create a good public opinion environment for the practice of moral education in universities life ecological technology.

B. Expanding the network of moral education in eco-technology communication channels

At present, the impact of the Internet and other new media to university students has unparalleled absolute advantage. Therefore, universities to develop eco-technology and moral education in a timely manner of life of the network of communication channels, to intensify propaganda network ecological technology moral education, moral education in universities make eco-technology into the network, the network penetration to a large classroom for ecological technology Universities moral education into daily life to create a good network environment.

C. Popular science lectures regularly opened

Experts and scholars from related disciplines should be invited to university campuses, in order to claim the body, increasing the eco-technology and moral education of university life persuasive, and through various research activities for the construction of university moral education of ecological science and technology advice, provide a scientific basis.

V. UNIVERSITIES ECOLOGICAL CIVILIZATION
PERSPECTIVE STUDENTS MUST STRENGTHEN
SELF-EDUCATION

Ecological technology moral education to solve the most fundamental problem is the core issue of life, how life is a real problem. Ability of self-education on the subject of moral ethics, ideals, beliefs, etc. of public opinion and to recognize, evaluate, constraints, self-control and oversight capabilities. University students are university has trained high-level scientific and technological personnel, will be the construction of ecological civilization practitioner. Ecological Technology moral education from the students themselves to life in real life eco-technology and eco-ethical practice of moral understanding technology experience, eco-technology morality of university students only in the construction of ecological civilization and life practice constantly honed to touch the university fundamentally moral soul enhance the university's moral emotions, improve university students' moral realm, cultivate ecological moral personality of university students. Thus, moral education in universities in eco-technology, we must strengthen the self-education of university students.

A. *University students cultivate a sense of responsibility to enhance students' responsibility*

Sense of responsibility refers to the specific research work undertaken by those responsible awareness capabilities. Today, the face of increasingly serious ecological crisis, university students should enhance the construction of ecological civilization social responsibility. The so-called social responsibility refers to the social groups or individuals in certain social and historical conditions formed in order to build a better society and assume corresponding responsibility, self-awareness and emotional experience to fulfill various obligations^[4]. Anyone should perform "to humans, the state, and the family and on their own responsibility^[5]." In the practice of science and technology ethics, responsibility is more important ethical spirit, which emphasizes the actors should always pay attention to the behavior may lead to various effects, and to take appropriate action in a timely manner. Currently, some university students lack social responsibility phenomenon is widespread and cannot be ignored. Only with the ecological sense of responsibility to the individual's pursuit of life goals and ideals of ecological civilization better together, and in their daily lives to correctly handle the relationship between man and nature.

B. *Enhance the ecological and moral self-discipline Technology Students*

Marx pointed out that "morality is based on the human spirit and self-discipline^[6]." ideal of moral education is to train people who have a high degree of self-discipline and moral, that allows students to learn moral discipline. In the practice of ecological civilization construction, some of the students that there are now protecting the ecological behavior, but essentially passive "obedience", does not

really develop habits to maintain ecological security, and sometimes tasted, far from moral self-discipline. Ecological moral personality of university students must make highly conscious of morality and moral education of external closely together, eventually the construction of ecological civilization ethics into university mindset and behavior. Moral education in ecological science, universities must guide students to strengthen the moral discipline of ecological science and technology in everyday life, and promote effectively moral education practice about the eco-technology to the life of the university.

VI. UNIVERSITIES UNDER THE PERSPECTIVE OF
ECOLOGICAL CIVILIZATION MUST HAVE TO PROTECT AND
IMPROVE THE ECOLOGICAL SYSTEM OF MORAL EDUCATION IN
SCIENCE AND TECHNOLOGY

Ecological Technology moral education institution building to life is fundamental and global, moral education is the fundamental guarantee long-term mechanism of ecological science and Technology University run. In everyday life, sound system to protect the ecological technology university moral education an important part of daily life.

A. *Increase ecological and environmental protection legislation and law enforcement, the legal system provide a good environment for Ecological Technology moral education*

Science is the noble cause of humanity for peace, development and progress of the service, when the results of scientific and technological activities contrary to the original intention of its kind, relying solely on ethical constraints which cannot be effective when the legal system needs to be adjusted. Although the law is not a panacea, but the law is the most effective methods of control, such as the unscrupulous manufacturing environment pollution, plundering natural resources of those responsible, must rely on legal means, given severe sanctions.

B. *Study and formulate good research practice standards and strengthening positive guidance*

Science and technology to life moral education must develop good research practice norms, rules to allow students and technology workers, the construction of ecological civilization into legal norms Students research practice norms. Both scientists and the courage to develop and improve research practice norms more valuable suggestions, but also consciously practice the science of ethics.

C. *Establish and improve the mechanism of ecological civilization and education*

Construction of ecological civilization is the relationship between the people's well-being in relation to the nation's future long-term plan. Eighteen report must establish respect for nature, harmony with nature, protecting the natural concept of ecological civilization, which requires the use of science and technology must be moral life of radio, television,

newspapers, Internet and other media give wide publicity to science on the ecological civilization construction technical universal knowledge , the educational philosophy of ecological civilization penetrated into all aspects of social life , and enhance the ecological awareness of hardship , the development of circular economy and low-carbon economy , the production of green products, worldview and values to build harmony between man and nature , and strive to build a beautiful China , to achieve sustainable development of the Chinese nation .

D. Strengthening moral education system in Universities Ecological Technology

Strengthen the moral construction of university education system is to protect the ecological Science Technology and moral education of the normal life of the university. Universities are undertaking the important sectors function of ecological technology transfer and ecological ethics and moral guidance technology. Currently, faced with an ethical pluralism and cultural diversity of the status quo, and strengthen ecological science and technology university guide function of moral education is necessary. Recognition of the advanced university can establish typical etc., motivate university students to comply with school technology ethics. Ecological Technology moral rely on self-discipline, but it should have a strict system of eco-technology as his moral law effectively constrained. Both self-discipline and mutual influence, self- discipline needed to provide conditions and support, discipline is more active role to play through self-discipline.

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In short, real-life moral and ecological science and technology education is one of the real life is the growth of eco-technology upon which the foundation of morality. Ecological technology universities moral education key to success lies in the quality of university students into the inherent moral knowledge within ecological technology and its implementation into practical action. In the current environment of the construction of ecological civilization, ecological science and technology university moral education must serve as an important ecological civilization educational goals. Ecological science of moral education of university life is a long-term strategic task. Universities must adhere to the principle of the times, effectively promote eco-technology to the life of the university moral education practice, in order to adapt to the new development of ecological civilization construction, efforts to build a beautiful China, the Chinese people to achieve sustainable development.

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