

# Improvement of Understudies' Ecological Culture Based on Present Day Instructive Advancements

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**Abstract:** *Specialized advancement is firmly associated with the social and regular solace of society, with the degree of the necessities of present day society, however the interruption of creation cycles, the low degree of ecological administration culture, the garbled outcomes of its control over the encompassing scene, devastate the concordance of nature and people. The reason for the paper is coordinated to improve the expert preparing of alumni of higher instructive organizations, fit for taking care of creation issues with limiting ecological dangers. The creators uncovered academic ways to deal with natural instruction and proved the quintessence of the idea "biological culture of understudies". Instructive conditions that add to the arrangement of natural culture of college understudies are created, presented and test tried. The paper is planned for educators, heads of instructive associations, scientists managing natural security issues.*

**Keywords:** *advanced education, secondary school, understudies, environmental culture, natural instruction, biological wellbeing, academic conditions.*

## 1. INTRODUCTION:

Sharpness of the cutting edge biological circumstance, described by logical inconsistencies in the connection among society and nature, the multifaceted nature of beating it in present day society is exacerbated by the issue of the demolition of regular environments and the vanishing of countless living life forms. The advanced environmental circumstance causes general uneasiness, questions, and conversations and direly requires are thinking about the standard perspectives on the nature and spot in it of an individual. The connection among nature and society has arrived at a basic point today, and the ecological issues of their cooperation can be comprehended uniquely by utilizing the whole scope of characteristic, specialized and compassionate information.

Specialized advancement is firmly associated with the social and regular solace of society, with the degree of improvement of the profound and good needs of current society, yet the disturbance of creation cycles, the low degree of natural administration culture, the garbled results of its control over the encompassing scene lead to an ominous biological circumstance that pulverizes the agreement of the earth and people. As of now today one can say that the primary issues of society in the natural circle are frequently because of the primitive conduct of society itself corresponding to the earth and the outright environmental absence of education of the populace. At present, as we see, an uncommon accentuation is set on the association of natural issues with the way of life of the individual and the way of life of society. A large portion of the works is committed to the improvement of biological

proficiency of college understudies, the development of natural cognizance and environmental culture of future experts.

In the investigations of Biryukova, Gerasimenko and others the highlights of preparing future single guys are contemplated and it is noticed that their future expert exercises (designing, mechanical innovation and others) is firmly identified with the biology of normal frameworks, with an ethical obligation regarding safeguarding the earth and relies upon the capacity to foresee the natural results of their exercises.

The issue of the development of sensible cooperation in the biological system, the environmental culture of man and society was one of the needs of present day instructive science. Today we are discussing natural instructional method, which offers the substance of biological and organic training with the point of anticipating new, earth important directions and the development of environmental culture.

Moreover, the natural and otherworldly and moral issues of present day progress are getting progressively dynamic, the issues of the way of life of organic and biological instruction are being raised inside the structure of the humanistic and socially fitting worldview. We in our work underline the disparity between the directions of expert preparing of understudies and the advancement of an extraordinary perspective that gives a comprehension of the relationship and reliance of "socially alluring" human exercises and conceivable biologically hazardous results of this movement. This vision is the reason for the development of the biological culture of college understudies and their further natural safe conduct in proficient circumstances.

## **2. MATERIALS AND METHOD**

The issue of safeguarding of biology is the object of consideration of delegates of the different sciences (theory, teaching method, brain research, humanism, social investigations, writing, and so on.), so the hypothetical examination of a few examinations which uncover the substance of the ideas of "nature," "ecological culture", uncovered the key thought of our exploration: nature as the science about the connections of creatures with one another and with the earth, not just uncovers the connection between human movement and the level of annihilation of the biosphere, it is a piece of culture and comprehension of the world, filling in as avoidance the approaching ecological emergency.

The investigation of the logical writing made it conceivable to cause to notice two worldwide finishes of researchers:

- direction to the technocratic model of life-production caused the enactment of natural and otherworldly good issues, hence, a progress from human-centric cognizance to another eco-human-centric open awareness is unavoidable;
- the reasons for some natural emergencies are straightforward ignorance and low degree of biological culture of the populace; in this way, another model of environmental training is required, where the arrangement of qualities (life, untamed life, wellbeing, individuals, information) and the methods for preservation of nature and person as one of the numerous animal varieties on Earth are singled out. By arranging their condition, continually taking

care of significant issues for them, people spend their psychological, passionate and physical vitality. Simultaneously, the "environment" is in no way, shape or form diminished to some region of action. Every one of them ("work", "life", "relaxation", and so on.), just as the notable "divisions" of open life (nature, economy, culture) are connected not legitimately, however "through man ", that is the reason everything that occurs with culture influences the economy and the earth; changes in the economy influence the state and level of biological culture. Numerous analysts perceiving the indistinguishable association between the ideas of "culture" and "biology", consider "biological culture" as the able utilization of the earth dependent on the information on the characteristic laws of nature advancement, considering the prompt and remote results of ecological change affected by human movement, ideal and viable standards of human conduct in a given common habitat. On biological culture as one of the signs of culture when all is said in done, incorporating the circle of relations between man, culture and nature, introducing it as a technique for socio-nature advancement in their solidarity, showed in the otherworldly existence of man, in their activities and life. Biological culture of college understudies we consider as an individual build, which incorporates a lot of natural information, individual implications, disposition to nature as a worth, a direction to a useful change of reality from the situation of preservation of nature, just as inspirational availability for autonomous activities to secure the common habitat in the expert circle. Simultaneously, environmental culture as a world perspective on the future expert once in a while turns into the object of deliberate hypothetical and observational investigation from the viewpoint of the level, models, and the chance of speaking to about the subjective and quantitative condition of the development of its fundamental segments among future alumni of colleges. Concurring with the finishes of Prokofieva that natural instructive competency, biological mindfulness, and natural action are segments of natural culture, we accept that it is critical to single out the expert direction of the natural culture of things to come authority: acing the arrangement of properties, capacities and abilities that ensure the earth and the individual himself.

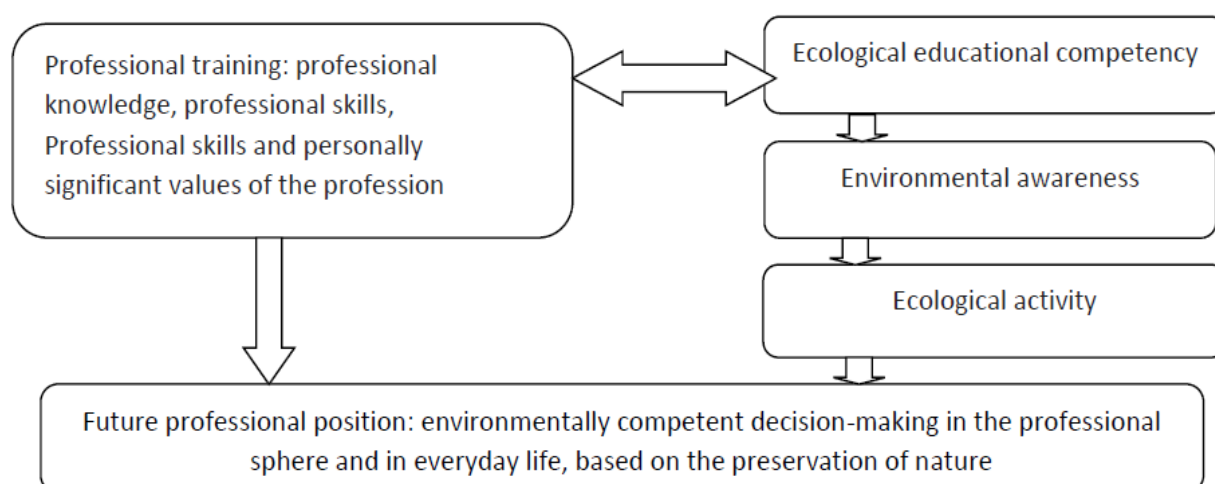


Figure 1. Segments of the natural culture of undergraduates. We distinguish these four segments as the reason for the future expert situation of the individual, in light of earth able dynamic in the expert circle and in regular day to day existence. Thinking about every one of the parts,

we comprehend the environmental instructive competency as an arrangement of biological information, capacities, and aptitudes, which is the reason for additional work towards the development of natural culture. Through the ecological instructive competency of understudies, we will have the option to go to a subjectively new stage in the change of information into convictions - natural cognizance.

We characterize ecological awareness as the degree of improvement of thoughts and mentalities towards nature, the set up close to home estimations showed in the perception of the magnificence of the encompassing scene, its tasteful, enthusiastic and social centrality, and as the capacity for a mindful and free decision of earth fitting conduct in nature. Ecological exercises are cognizant activities and activities planned for safeguarding and securing the regular habitat. Thinking about the fourth part of natural culture - professional preparing, we assign proficient information, capacities and abilities that are an essential fundamental component in the development of a future expert position dependent on earth skillful dynamic in the expert circle and in regular day to day existence. The introduced structure of natural culture permitted us to distinguish markers and levels (high, medium, low) of the development of the biological culture of understudies (see Table 1).

Table 1. Characteristics of the levels of the student's ecological culture.

Level	Ecological educational competence	Ecological consciousness.	Ecological Activities.
Low	Formality of knowledge at the level of general representations and concepts	Pragmatism of the attitude to the nature, the responsibility for behavior in nature is not conscious	Passivity in environmental protection
Average	Knowledge at the level of interest in environmental issues, reasoning about the importance of ecology for humans.	The value of nature is realized at a declarative level.	There is no clear position in motivating of environmental protection activities.
High	Knowledge of the environment as personally significant values	Strong environmental beliefs.	Manifestation of creativity in making environmentally sound decisions.

The quest for models of instruction satisfactory to the advanced sort of demeanor towards nature and reacting to another phase in the improvement of environmental culture comprise one of the topical academic errands of colleges. Expository audit of research in the field of professional preparing has demonstrated that the essential and expert culture of a pro, having multifunctional skills is perceived as segments of the substance of training. On account of this, the understudies' individual inward position creates sin connection to the real world and the picked calling, future work, encompassing individuals and themselves. Based

on this position and at the same time with it, essential movement is shaped, as a condition and a method for self-assurance, self-articulation and self-statement of the individual in action, relational relations and correspondence. Be that as it may, the eagerness of a pro to work with an eco-driven center (be it an instructor, a specialist, a designer, a kindergarten educator, and so on.), their capacity to appreciate, change in proficient self-indication as per the degree of their biological culture can't be unbendingly forced. Status can be framed as a character's quality based on deliberate mental and instructive action.

### 3. RESULTS

We consider the arrangement of the biological culture of college understudies as a procedure that considers the uprightness and interrelation of expert information, exceptional natural information and consciousness of status for eco-situated exercises in taking care of expert issues. When planning the way toward framing the environmental culture of college understudies, we clung to the essential framework wide standards, for example,

- uprightness and joining of orders, adding to the formation of a bound together instructive condition, - the dynamic idea of training and social action of subjects of training, - passionate and scholarly collaboration between an educator and an understudy, - poise and positive inspiration of the aftereffects of dynamic movement.

Absolutely 200 individuals were taken on the test work (100 understudies in the benchmark group (CG) and 100 understudies in the test gathering (EG) (understudies of the Termez part of Tashkent State Specialized College named after Islam Karimov). At the hierarchical stage, we led an investigation of the degree of biological education, ecological mindfulness and experience of natural exercises of understudies. Creators' and changed test demonstrative strategies were utilized to decide the underlying degree of natural culture, PC testing was utilized to survey three segments of biological culture: 1 - environmental (remaining) information in biology, 2 - biological cognizance, 3 - ecological movement.

As the premise of our procedure for evaluating the information of the primary segment of environmental culture (natural instructive competency), we stepped through an exam material created based on the necessities of the state standard of understudies' preparation, containing the essential instructional units that are necessary for learn at the college. The principal unit of the test, which describes the understudies' instructive competency in the field of biology, depends on the necessities of the instructive educational program. The second unit of the test, which evaluates the understudies' natural mindfulness, contains inquiries on distinguishing understudies' moral obligation in the field of environment and the potential dangers of their exercises. The third unit of test questions, portraying ecological exercises, distinguished natural deeds, conduct and interest in ecological exercises. The last control of information likewise comprised of a similar three units, yet the primary unit of the test was changed, the second and the third were the equivalent.

(By and large, to the "acceptable" gauge. Low outcomes were found in the two gatherings, both as far as ecological mindfulness and action, where test outcomes relating to a low degree of culture extend from 38 to 63%.

In view of the consequences of the initial information control, it was presumed that most understudies had poor information on ecological ideas, didn't have the foggiest idea how to communicate their demeanor to the encompassing nature, there were for all intents and purposes no understudies who took deliberate interest in natural insurance exercises. From the numerical preparing (through the Pearson measure  $\chi^2$ ), it was presumed that toward the start of test work with understudies, the level of biological culture of the understudies in the CG and in the EG was equitably conveyed (the examination indicated no huge errors in the qualities at an adequately elevated level of hugeness  $\alpha = 0, 01$ ). Consequently, the framing test after the finishing of the investigation of the order ought to distribute EG from the CG on account of appropriately chose and executed educational conditions. Inside the structure of the framing phase of the examination with the point of building up the characteristics of a master equipped for getting obligation and acting in the light of the protection of the earth, we painstakingly considered the limits of the order "Ecological establishments of nature the board", distinguished subjects that come into contact with different orders of the educational plan. We prohibited the between disciplinary duplication of themes identified with the investigation of a safe instructive and creation condition. This permitted the consideration of extra material identified with ecological exercises in the district (Republic of Uzbekistan), with ensured zones, just as issues of bioethics. Likewise, the thoughts "biological culture", "environmental awareness", "biological conduct", "nature security action" were presented. So as to extend the general thought of understudies about the particulars of the ontogeny of man's biological culture, philosophical, strict, people conventional, regularizing, moral-moral, action situated ideas and portrayals that have created in the open cognizance for a long time of human communication and the earth of its territory were brought into the substance of the order. The previously mentioned structures and strategies for ecological training in the college were utilized by us for the duration of the time dispensed for considering the course "Environmental Nuts and bolts of Nature The executives". Be that as it may, restricted by the time allotment of this order, we featured the systems of ecologically arranged work with understudies, which bolster the attention to the significance of natural data in ensuing courses. In this way, when leading outings to the undertakings, understudies arranged a report that accommodated the arrangement of natural issues. The understudies' answers were essentially surveyed by the instructor of the profile discipline. Moreover, close collaboration with the instructor of the order "Essentials of Law" made it conceivable to feature the issues of natural enactment in the pertinent circle of creation. Understudies examined those legitimate issues that are straightforwardly identified with the organization's natural strategy: the organization's ecological identification; Ecological guidelines, fixed by law, just as data on most extreme admissible emanations and releases at endeavors of various profiles. The understudies presumed that ventures looking to protect the biological status of environments as of now involved a main situation in world markets. This is because of the presentation of current advancements for cleaning and handling, yet in addition with an expansion in the buyer rating of these organizations, with positive promoting, and, in this manner, an all the more winning situation of the producer. In this way, we have singled out those essential segments of the instructive framework that permitted to incorporate subject (proficient) information, super-subject (unique natural) information and availability for eco-situated action in the expert circle with the objective of building up the characteristics of a master

equipped for getting duty and acting in the light of saving the earth, that was characterized by us as the primary educational condition for the development of the biological culture of college understudies. It ought to be noticed that the usage of the second instructive condition - the arrangement of efficient support for the arrangement of biological culture through the execution of academic structures, techniques and devices that advance the combination of natural instructive competency, cognizance, movement, is reflected in the systematic manual created by us for college instructors on the development of environmental culture. It furnishes exercise by exercise arranging with a precise portrayal of every single useful exercise. Exercises dependent on the standard "from easy to complex," permitted making a reason for future work. By initiating the exercises of understudies in the homeroom and in extracurricular exercises, the inspiration for taking care of ecological issues was commonly expanded and the centrality of their answer later on proficient action was realized. The initiation of understudies' exercises to ensure the biological condition was characterized by us as the third academic condition.

With the end goal of its usage, classes, gatherings, business and pretends were rehearsed, circumstances were settled where understudies themselves found the issue, figured it and attempted to offer arrangements. In such investigations, understudies created systematic aptitudes, demonstrated enthusiasm for conversations, built up a longing to shield their own position. By and large, new information was obtained based on a free quest for material; Natural experience was tried through the autonomous association by understudies of ecological activities. To confirm the instructive conditions executed by us in the test work, we played out a scientific preparing of the information dependent on the aftereffects of the last testing. The rate connection between the aftereffects of testing of college understudies in CG and EG in the last phase of the test was introduced. Looking at the records of the gatherings at the last phase of the test, we see a similar dispersion, both in the CG and EG at the normal level, while the biological information with an elevated level in the test bunch is portrayed by enormous qualities. This proportion is very justifiable, since the instructive educational programs, on which for the most part the subject "Biological rudiments of nature the board" is educated, are centered, for the most part, on the development of information among understudies. Our arrangement of natural instruction is focused on the thorough improvement of understudies, which at the same time extends ecological information, shapes the biological awareness and builds up the understudies' requirement for earth situated proficient movement. The estimations of the levels in the second part of the natural culture - environmental cognizance - fundamentally distribute the trial bunch toward the finish of the analysis, where the subjective increment of the significant level is a lot higher than in the benchmark group. Simultaneously, the low level markers, then again, are lower in the exploratory gathering than in the benchmark group.

Natural movement, being, as we would like to think, then remove troublesomely manageable segment to biological culture, in the interim, is portrayed by a specific positive dynamic. In the event that before the trial work a high enthusiasm for natural exercises was showed in 20% of the subjects, at that point at the last stage an elevated level was found in 35% of the understudies, the normal degree of action in the exercises was appeared by half of the understudies from the absolute number of the gathering. Subjects in the benchmark group

are bound to display a normal and low degree of natural culture. In the benchmark group, the level of natural culture levels' proportion didn't experience any undeniable changes, on normal in the example, the rate conveyance of subjects by levels changed by just 5%, which can't demonstrate a critical elements of the examined variable. In light of the measurable examination of the Understudy's test strategy, which permits us to set up the unwavering quality of the progressions that happened, we can reason that the arrangement of conditions proposed by us gives a positive dynamic to the development of the biological culture of college understudies in the structure of the instructive innovations that we are executing.

#### 4. DISCUSSIONS

The issue of the arrangement of sensible collaboration in the environment, the biological culture of man and society was one of the needs of current instructive science. Today we are discussing natural teaching method, which offers the substance of environmental and organic training with the point of anticipating new, earth significant directions and the development of biological culture. In view of the hypothetical speculation of the logical writing, the idea "biological culture of understudy' is concretized, its parts are explained: ecological instructive competency, natural mindfulness, natural exercises and professional preparing, which are firmly interrelated. Since environment is the study of home, country (Greek oikos is a home, country), the reason for present day biological training is to reestablish common associations of man, nature and culture, to understand the possibility of a national home, outside of which it is difficult to show the credibility of humankind. Recreation in training is brought out through incorporated courses, union of regular and compassionate controls.

#### 5. CONCLUSION

The consequences of the examination affirmed the authenticity of the theory set forward that it is conceivable to shape a biological culture through a lot of creator educational conditions that guarantees the joining of ecological and expert information to build up the characteristics of a master equipped for acting and assuming individual liability for the safeguarding of the regular habitat.

The writers extended the hypothetical thoughts on the highlights of the procedure of development of biological culture in the states of the college by mix of disciplinary (proficient information), super-disciplinary (unique environmental information) information and preparation for eco-arranged exercises later on proficient circle. Characterizing the possibilities for inquire about, we accept that further investigation can be planned for recognizing the degree of reliance of natural culture and the expert prosperity of a pro in different life circumstances.

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