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Research Article

Environmental Education to Protect and Improve Our Environment

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Abstract

Environmental protection and sustainable development are essential for maintaining ecological balance, conserving natural resources, and supporting human well-being. The environment comprises interconnected natural, social, cultural, and human-made components, including the atmosphere, hydrosphere, lithosphere, and biosphere. Human activities significantly influence environmental quality through urbanisation, industrialisation, resource exploitation, pollution, and land-use changes. This article examines the concept, importance, and dimensions of environmental protection, with particular emphasis on environmental education as a means of developing awareness, skills, values, and responsible behaviour. It discusses major strategies such as resource conservation, pollution reduction, renewable energy adoption, sustainable transportation, waste management, recycling, reforestation, and ecosystem restoration. The role of communities, governments, educational institutions, industries, and international organizations in addressing environmental challenges is also highlighted. Furthermore, the article explores the physical, social, cultural, and psychological dimensions of the environment and emphasizes the multidisciplinary nature of environmental studies. Environmental education and training can promote informed decision-making and active public participation in conservation efforts. The study concludes that integrating environmental awareness into education and community practices is essential for achieving sustainable development and ensuring a healthy environment for present and future generations.

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INTRODUCTION

Natural resources and the environment as a whole in crucial for the economic growth of the entire world. The environment is dependent on the interaction le all de different component Humans play hugs role in the making and the breaking of the environment. Human beings are the supreme and the most intellectual power on the Earth, who influences the wellness of the environment to a great extent. The impact of environment on living things is directly proportional to the way human beings treat the environment. Existence would be impossible without air, water or land. Every depends largely on the environment for survival. Having a clean and safe environment is solely in the hands of the humans' beings. Environment is a combination of natural and humans as a component. Natural components include air, water land and ling organisms. Roads, industries, buildings etc. are human-made components the natural environment can be differentiated into four main components Biosphere, Lithosphere, Hydrosphere and Atmosphere consists of water capon, gasses and dust particles. The hydrosphere consists of various water bodies like seeds cancans lacer bonds eater Lithosphere consist of various types of water bodies sect that has rocks and minerals, living world consisting of humans, plants and animals co sterile the biosphere.

Environment means the space on sitting that surrounds a being It is also refer to the conditions and circumstance in which something or something or someone's growth is influenced These articles main aspect is environmental education to protect and improve our environment.

Understanding Environmental Protection

Environment protection includes persevering natural resources minimizing pollution, fostering sustainable developments, participation from government industries, communities and individuals.

Environmental protection includes:

⇒ Preserving natural resources,
⇒ minimizing pollution,
⇒ fostering Sustainable developments,
⇒ participation from governments industries, communities and individuals

Environmental Protection Is Important Due to the Following

⇒ Preserves biodiversity – It includes protecting habitats ecosystems.
⇒ Combats climate change – Reducing emissions and waste slow global warming
⇒ Ensures public health - clean air and water fervent disease and enhance life longevity
⇒ Promotes economic stability- The economy growth increases and aids in sustainable development.

Strategies for Environmental Protection

1. **Reduce, Reuse, Recycle**

Reduce- They help in minimizing wastes
Reuse - They help in Repurposing the items
Recycle - They sort waste into recyclables

2. **Conserve Energy and Water**

- Switching to energy-efficient appliances
- Implementing rainwater harvesting system
- Prevents water wastage

3. **Sustainable Transportation**

- Use public transit, carpool on cycle to reduce emissions
- Opt for electric or hybrid vehicles when possible

4. **Renewable Energy**

- Install solar panels for home energy need
- Choose green energy plans.

5. **Plant Trees and Reforestation**

- Trees absorb carbon dioxide. and improve air quality
- Reforestation is also helpful

Community Efforts for a Greener Future -

Communities play a vital role in protecting the environment by driving gross-out initiatives and fostering sustainable practice

The (key) strategies for Improvement involves the following

- Renewable Energy – Shifting from fossil fuels to clean sources Shifting like solve and wind power to cover carbon emissions.
- Conservation And Restoration- Actively protecting biodiversity, planting trees and repairing degraded lands and aquatic habitats.
- Circular Economy – Adopting the Reduce, Renee, recycle", Framework and enforcing extended Producer Responsibility (ERP) to hold business accountable for the entire lifecycle of their product
- Policy Enforcement – Utilizing legislative frameworks such as – Environment protection Act on clean Air Act.

Definitions of Environment-

According to Boring, "A person's environment consists of the sum total of the stimulation receives from conception until his death."

According to Ana stool, "The environment everything that effects the individual except his genes.

According to Douglass and Holland, "The term environment is used to describe in the aggregate, all the external forces, influence and conditions, which affect the life nature behavious and the growth, development and maturity of living organisms."

Indian Ecologist R. Mishra defines environed as "The study of interactions of form, function and factors".

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Meaning of Environment-

Environmental education is a medium and process of education that covers man's relationship with his natural as we well as social and manmade environment and it also it includes the relationship of population, industrialization, pollution, resource allocation and depletion, conservation transportation, technology, energy and urban and rural planning to the total biosphere. As per UNESCO In 1970. "Environmental education is the process of recognizing values and classifying concepts in order to develop skills and necessary attitudes to understand and appreciate the inter relatedness among many his culture and his biophysical surrounds. Environmental education also entails practice in decision making and self-formulation of a code of behaviors about louses concerning environment qualities.

The Finnish National Commission in a Seminar (1974) said- "Environmental Education is a way of implementing the goals of environmental protection. Environmental education is not a separate branch of science or subject of study; it should be carried out according to the principle of lifelong integral education.

The Various Types of Environments-

According to kurt lewin, environment in of three types which influences the personality of an individual and diseased under as the following

(a) Physical Environment-
(b) Social and Cultural Environment and
(c) Psychological Environment

Physical Environment - Physical environment refers geographical climate and weather or physical conditions wherein individual lives. The human races are greatly influenced by the climate etc. in cold countries like European countries the people are of white colour likewise, in Asian a African Countries that is, in hot- Countries people are of dark complexion.

The physique of an individual depends on climate conditions as the individual tries to adjust in his physical environment the human working efficiency also depends on the climate conditions.

Social Environment - Social Environment includes an individual's, social, economic and political conditions wherein he lines. The moral cultural and emotional forces influence the life and nature of individual development. An open Society is very conductive for the individual development. A closed society is not very conductive for the development.

Psychological Environment and social environments - The physical and social environments are common to the individual in a specific situation. Yet individuals have their own psychological environments in which he lines Kurt lewin has used, the term life space" for explaining the psychological. Environment. The Psychological environment; in which he lives. This environment enables us to understand the personality of an individual. The psychological environment is both formed by the person and his goal. If he (Person) unable to our come the barriers, he can either get frustrated or in completed to change his goals for a new psychological environment. By adapting this mechanism. The individual is helped in adjusting to the environment.

The Society, Culture and Our Environmental

Moral, cultural and Emotional power are more affected in a person's life and behaviour. This Environment is of two types, one is liberal society Liberal society environment is considered whereas controlled society environment is not woeful for the total development of the child the classroom environment should be liberal. Everybody times to indulge in social and Cultural environment. All countries of the world have their social values, language, dress, culture, food, shelter, customs artisti, mythological and ceremonial interpretations one different from each other became of their difference this social environment is also different. For any particular society social environment are built by the following factor life (1) Caste (2) Food, (3) Dress (4)language (5) Values and faith (6) Shelter (7) Religious ideas, (8) environment (9) Economy (10) Industry (11) Education (12) Science And Technology and its effects, (13) Socio-cultural

Environment and Society are mutually interrelated and dependent to each other. Different social groups have developed. Social strictness like agriculture, industry, politics, religion etc are developed by this group of societies or social groups. Social strictness is rich cultural heritage of the development of human beings which is the result of the origin of the physical environment experiences.

Educational methods develop social streng I ducation grines with to society penpunties of environment society to Education: Development of licker make.

environment of nature.

Roll of Different Agencies in Environment Protection

There are a number of international bodies and programmes involved in different areas the important environment. Some of the important agencies and programmer are as follows: -

(1) Conventions on International Trade in Endangered species (CITIES) - An international forum whose membership for agreement is open to all countries. For India the ministry of Environment and Forests functions. as nodal agency for participation in international agreement
(2) Environmental Protection Agency (EPA) – This is an independent Federal Agency of the U.S. Government established in 1970. It deals with protection of environment by air, water, solid wastes radiation, pesticides, noise etc.
(3) Earth as can - An agency founded UNEP in 1976, that commissions original articles on environmental matters and sell them and bacte.
(4) International Council of Suvntifie Urm

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A non-governmental organization, based scientific information, initiates from sequining international scientific of oper and political and studie, and reports related to social. treatment- un of ponsibi Scientific Comencinity 1948, with its Headquarters at man with un

(5) International Union for Conservation

Nature and National Resources – An autonomous body forded in 1948, with its Headquarter at monger, Switzerland that imitate and promotes scientifically based conservation meanness. It also co-operator with United Nations and other inter government agencies and with sister bodies of world wildlife fund (WWE).

(6) International marine Consultative Organization (IMCO)

It regulates the operation of ships in highly seas from marine water pollution viewpoints

(7) Trans - Alaska Pipe Line in USA (1977)

This project was initiated to carry mineral oil and natural through 1270 km long underground pipelines from the newly discovered oil wells wear Prudhoe Bay on north Coast of Alaska to Port Valdez to South Coast of Alaska This project has not affected Alaska and marine and environment except the political Live problem that the route and pipe line involves Canada it is not advisable due to states and strategic point of view.

(8) South Asia co-operation Environment

Programmer (SACEP) - This has been recently set up for exchange of professional knowledge and expertise on environmental issue among member Countries – Afghanistan, Bangladesh, Bhutan, India, Iran, Pakistan and Srilanka.

United Nations Educational scientific and Cultural Organization (UNESCO): -A united nations agency, found in 1945 to implement the efforts of members state to promote education, scientific research and information, and the arts to develop the cultural aspects of world relations. It also holds Conferences and seminars, promotes research and exchange of information and provide technical help. It headquarters are in pains. Independently as in well as in Collaboration with other agencies like UNEP, its activities are selected to environments its quality I human settlements training to environmental engineer and other socio-cultural programmers related to environment.

Never are many other such programmers

like: (1) United Nations Environment (2) World Commission on Environment development (3) Earth water Programmer (4) Many and Biosphere Programmer (MAB) (5) High Dam Project (India)

Environmental Education and Training

The most important important aspect of environment management in the project of environment to provide and awareness among the people on environmental problems and its conversation and protection and to generate an atmosphere so that people participate in decision making and evaluating the programmer. All recourses are termite and there is also limit to the growth of living system. There the environmental education helps in acquiring awakeners of total environmental its aim variation of experience and understanding of environmental problems. It helps to acquire a set of vainer for the environment protection it also helps to acquires skills for solving problems related to environment to evaluate environment and education programmer. It helps to provide opportunity for active participation for shorting environment problems.

Scopes of Environmental study as it is established that environment is of multi-disciplinary nature. It has got relation with physics and other science there are many, way in which environment his close to other sciences.

1) Environmental Biology The composition of Biology with ecology, Bacteriology of biology "with the have got basic relation with the environment has its own system them to regulate the world.
2) Environment and botany phytogeography are selected to the vegetable families exist and grow in the different geographically situations. This point views the earthly individual in to for vide peninculas of vegetation found in these for zoogeographic regions.
3) **Environment and zoology -** Zoology studies the human being anyone side and creations apart from the human world on the other. The divided, as example human non-human geographically and non-surface in earth or into water. The existence of different human species in different environmental situation.
4) **Environment and Bacteriology-** There are certain principles according to which bacteria control system is evolved. We study these principles in bacteriology. It is environment which causes the bacteria confined to certain areas. There of environment in deeply connected to geography and bacteriology.

Summary

Environmental protection and Improver encompass the strategies, policies and repairs ecosystems. They reduce pollution and conserve and natural resources for future generations.

Key Strategies for - Improvement

The (Key) strategies for Improvement involves the following

- Renewable Energy - Shifting from fossil fuels to clean solar like solar and wind power to Lower Carbon emissions.

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- Conservation and Restoration- Actively protecting biodiversity, planting trees, and repairing degraded lands and aquatic habitats.
- Circular Economy – Adopting the 'Reduce, recycle" framework and Enforcing Extended Producer Responsibility (EPP) to hold business accountable for the entire lifecycle of their products
- Policy Enforcement-Utilizing Legislative frameworks such as - Environment protection Act or clean Air Act.

CONCLUSIONS

The various objective achieved by developing program of environmental education from primary level to the college level. NCERT has been playing vital role in designing syllabi and text book and other matters of teaching. UGC in looking after environment education at university and college levels the environmental management also includes the environment training program.

There are two types of environment centers one his formal and the other non-formal education centers. They may be classified into government organizations and non-government organization. The environment awareness can be provided through the various subject botany, zoology, chemistry and geography etc. The skills, attitudes and values are to be developed for the protection of the environment teachers and students. There should be developed of environmental awareness in the teacher education programs. There should be other professional institutions were the environment training and programs should be conducted for the betterment and the upliftment of the country and the nation. There should be the development of foundation courses for the I. A.S and I.P.S and I.F.S candidates for their areas of work.

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