

EDUCATION FOR SUSTAINABLE DEVELOPMENT

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Formation of the earth started 4500 million year ago. Most of biotic elements like insects, plants, animals, birds and marine organism appeared on the earth much before the emergence of man during the process of evolution. Man appeared just two million year ago and has created many serious environmental problems which have threatened the existence of environment including man. The only ray of hope is to understand these problems and change our behavior by adopting proper environmental values for the sustainable development. The sustainable development has assumed great importance in the present global scenario. In which Indian context development involves mental, moral, motor, social, emotional, spiritual, cultural, economic development, sustainable development is a strategy of development that manages all assets, natural human, technological and financial to increase to long term wealth and well being.

Concept of sustainable development :-

The concept of sustainable development was put forth firstly in the meeting of chief of nation's at stockhome on 1972. Sustainable development is a development which fulfills all the needs of present generation without disturbing the needs of future generation. In other word we say that the development of present with reference to need of future. According to senior advisor of the International Council Of Science, Mr. Gilbert Glasson, "The moving target that represents a continuous effort to balance and integrate the three pillars of social well being, economic prosperity and environmental protection for the benefit of present and future generation is known as sustainable development." This definition refers to the harmony between society, economy and environment has to be established for the peace and prosperity of the present and future generation. The main focus points in sustainable development is limited needs, long term planning, development without crushing environment for healthy present and future.

Today's world is facing tremendous problems due to

1. Rapid increase in global population
2. Energy Crisis
3. Imbalanced environment.

4. Polluted ecological, social and cultural atmosphere
5. Poverty, Unemployment and droughts.
6. Unended competition

In all the above problems, energy crisis plays a central role. To fulfill the need of energy we exploit the nature without any hesitation. Nature has enough to meet our need but it is poor to meet our greed. Therefore restrained consumption is the key to sustainable development.

Education for sustainable development :-

Education is a very important means for promoting positive change in human behavior. Education for sustainable development will train the human being to acquire knowledge, understanding, Application, Skill, aptitude, attitude and values necessary to shape a sustainable future. Each educational course must have following aspects and curriculum must be developed keeping them in mind.

Aspects of Education for sustainable development :-

- Education for self consciousness
- Environmental Education
- Life time Education
- Parent Education
- Cultural Education
- Global Education
- Value Education
- Interdisciplinary Education
- Qualitative Education
- Education for Informational and Technology
- Education for Research
- Education for Good Health
- Education for Fruitful Communication
- Education for Sensitivity
- Education for Equality

All the above aspects play an important role in promoting the mind set of human being for sustainable development but value education occupies a central place out of them. In which inculcation of environmental values promotes a positive approach towards sustainable development in

students.

Environmental Value Education for sustainable development :-

By value we mean the standards or principles or guiding forces in terms of which we make choice among alternative courses of action. Values are those qualitative components of personality which play a key role in decision making. The value are concerned with doe's and don'ts. Environmental values defined as "A set of guiding principles by which the behaviors of an individual turns compatible with his/ her environment." It is absolutely necessary to protect and conserve our environment for the sustainable development by adopting following basis environmental values.

1. Oneness with the nature/ environment

Our life is closely related to the environment. We are integral part of the environment and we are effected by the small and large scale changes in the environment. Hence we should take every care that our activities and action are environment friendly and not harmful to the nature.

2. Curiosity and respect for the Environment

Curiosity is the mother of invention curiosity helps to explore the nature. We should learn to observe the nature phenomenon and get the joy of learning. We can acquire very interesting information about the environment by simple observations.

3. Affection for the environment

We should have respect and affection about environmental elements as their role is very essential for the smooth functioning and balance of environment and even for our survival. Once we develop affection for the environmental elements, we get eternal pleasure through out our life and we may get inspiration for doing something useful to protection of our mother earth.

4. Judicious use of resources :-

Our standard of living is elevated due to technological development. Our needs are unlimited and we require something more than the needs. Our resources are our precious treasure. We should use them wisely and judiciously. Conservation of water , oil, forest and soil is essential. We should try our level best to conserve the national resources.

5. Cleanliness :-

All of us love cleanliness, hence we keep our body , our cloth and our house clean. Similarly it is our responsibility to keep our surrounding environment clean. Dirty environment is the breeding ground for various germs , harmful insects , bacteria and viruses.

6. Social responsibilities :-

Lack of social responsibilities can disturb balance between man and environment and create severe problems, which are harmful to the environment.

7. Co-Operation and co-existence :-

Social function like Ganpati or Durgapooja festival should be celebrated collectively to reduce the cost, wastage of materials and efforts, to reduce pollution and to increase the sense of coexistence and co operation among the devotees .

8. Commitment to sustainable development :-

The rate at which we are using various type of resources is very disastrous. Especially exhaustible resources like coal, natural oil and minerals are very limited in supply and deposit of there resources may get exhausted in the near future. Hence, it is essential to conserve these resources and at the same time invents alternative resources for sustainability of development .

9. Creativity for environmental protection and conservation.

Awareness about environmental degradation and how to stop it should reach every person, so that he can provide a helping hand by doing his duty to protect the environment have concluded.

According to above brief discussion we have concluded that education can play very significant role in promoting attitude towards sustainable development among student.

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