

# Awareness On Environmental Protection Among Secondary School Students Of Ramanathapuram District-A Study

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### ABSTRACT:

This study is described to learn awareness on environmental protection to the Secondary School Students. Environmental problems in India incorporate different natural hazards, particularly annual monsoon and cyclones floods, population growth, increasing individual consumption, industrialization, infrastructural development, poor agricultural practices, and resource misdistribution have led to substantial human transformation of India's natural environment. All the environmental problems pose a great challenge to us. (Murthy 2005) Environmental awareness and protection dealt with various issues affecting our environment. By such awareness it is hoped that measures to protect environment at the micro level as well as the macro level would increase. Environment is very important to learn about the nature. Which is necessary for leading a peaceful, happy satisfied and healthy life? So, every student has awareness of preserving environment for their well – being and also for the future generations. Students must aware of the value of every aspect of environment.

**KEYWORDS:** environmental problems, environmental awareness, environmental protection, environmental challenges, , natural hazards and environmental development.

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### I. INTRODUCTION:

This paper describes an investigative study on Awareness on Environmental Protection among Secondary school Student. (Murthy 2005) Environment defined as the complex of physical, chemistry and biotic factors that act upon an organism or an ecological community and ultimately determine its form and survival. (M.P. Poonia) Natural resources are significant for the successful survival of all types of life in the plenty earth in general and for human being. But Environmental problems are arising as negative effects in the process of development and massive deforestation. Which threatens the sustenance of healthy environment? Poverty and inadequate

resources environmental literacy are the basic sources paving the way for massive deforestation which threatens the sustenance of the forest base. The basic human needs, food, fuel, shelter and employment for a large section of our population impinge on scarce resources which ultimately need to greater poverty. Systematic planning also plays a crucial role in protection the environment. Education has a great role for generating awareness among the masses and removing the problem of environmental illiteracy. Presently the requirement for facing the dangerous consequences of environmental degradation would be by promoting social forestry, plantation to protect the sound social base in our country. The society has now awakened towards the environmental problems, but there is

need to translate this into practice and efforts are to be made so that this tempo be sustained for long time. Environmental awareness is to perceive and the weakness of our environment and the importance of its protection. Promoting environmental awareness is an easy way to become an environmental steward and participates in creating a brighter future for our students. So, Awareness of environmental protection is needed for all people, It is mainly important for school student. It was suggested that the school authorities should generate the enlightenment programmes and implement policies that could enhance students' awareness of environmental protection and risks in the institutions.

## II. STATEMENT OF THE PROBLEM:

(Sharmila2017) Environment is most crucial as the inter connection between man and environment has existed ever since he first appeared on earth. Therefore, it is highly necessary to minimize the efforts to conserve, protect, save and develop this environment for the future. As the students being vital part of our community and they being transport, the investigator has chosen them as the sample and no one had attempted to study the predictive correlates of the knowledge on environmental hazards. Hence the investigator has indented to study the awareness on Environmental protection among Secondary School Students of Ramanthapuram District.

## III. DEFINITION OF KEY TERM:

### Environmental Protection:

Environment Protection is a global issue with a plethora of protective legislation, enacted as transnational and national regulations and guidelines, aimed at sustainable use of water, soil, and biomass. (Encyclopaedia of analytical science, 2005)

### Environmental Awareness:

Environment Awareness is to understand the fragility of our environment and the importance of its protection. Promoting environmental awareness is an easy way to become an environmental steward and participate in creating a brighter future for our children.

## IV. SIGNIFICANCE OF THE STUDY:

(Meenakshisundram 2008) Today the world is facing many disastrous and harmful problems as a result of degradation of the environment. On account of enormous increase in population, construction, industrialization, transportation. Our environment gets degraded. There are many environment problems at the global level, which have become the global issues. These include decline in natural resources, green houses effect and global warming, climate change, acid rain and ozone layer depletion. There is an urgent need of employing proper preventive measures to avoid such dangers. So, it is necessary to make everyone aware of problems and their role to act accordingly. (Uberoio 1999) Environmental management is most important yet it is most neglected discipline. It concerns life support system and is closely linked with development and economic growth. (Meenakshisundram 2008) Every student should have awareness of preserving environment for his well – being and also for the future generations. So that Students must aware of the value of every aspect of the environment. Because Moreover students are the nation builders of tomorrow and are the vital part of our community. Thus, environmental education as an important ant discipline has to be included in the school curriculum in order to create sufficient awareness among school students, as they are the right cultivation lands to sow the seeds.

## V.OBJECTIVES OF THE STUDY:

- To find out awareness on environmental protection among secondary school students
  1. Gender
  2. Locality

## VII. HYPOTHESES OF THE STUDY:

- There is no significant difference in awareness on environmental protection among secondary school students with reference to their gender.
- There is no significant difference in awareness on environmental protection among secondary school students with reference to their locality.

## VIII. METHODOLOGY:

The investigator used the survey method in this study. The survey method is aimed at finding out awareness on environmental protection among secondary school students. In the simplest way, the

research is a plan structure and strategy of investigation in order to answer the research question. The investigator has planned structure strategy together data for their study.

#### IX. SAMPLING TECHNIQUE:

The research work using random sampling technique. After selecting 50 Students were selected randomly from the Secondary School Students.

#### X. STATISTICAL TECHNIQUES USED FOR THE PRESENT STUDY:

Descriptive and differential statistics were used for analysis data, secondary school student's 't' test was employed to find out the difference in **HYPOTHESIS – 1**

**There is no significant difference in Awareness on Environmental Protection among Secondary School Students**

Variables	No	Mean	S. D	't 'value	Sig. level
Boys	23	84.17	14.7	0.63	NS
Girls	27	86.8	14.6		

From the above table, it is observed that the mean of awareness on environmental protection score for secondary school students of boys are 84.17 and girls are 86.8 and respectively the calculated 't' value is 0.63 is less than the table value 2.00

#### HYPOTHESIS – 2

**There is no significant difference in Awareness on Environmental Protection among Secondary School Students**

Variables	No	Mean	S. D	't 'value	Sig. level
Urban student`	35	86.02	13.2	0.50	NS
Rural students	15	83.9	14.5		

From the above table, it is observed that the mean of awareness on environmental protection score for

various aspects from the level of awareness on environmental protection including gender and locality of students.

#### XI. TOOLS USED IN THE STUDY:

The following tools are used in the present study awareness on environmental protection test constructed and validated by the Investigator.

#### XII. ANALYSIS AND INTERPRETATION OF DATA:

For analysis and interpretations of data, the relevant input and analytical finding and inferences derived have been presented in different tables and their discussion provided after the table;

significant at 0.05 level Therefore, the formulated null hypothesis There is no significant difference of awareness on environmental protection among secondary school students with reference to their gender is accepted.

secondary school students of urban are 86.02 and rural are 83.9 and respectively the calculated 't'

value is 0.50 is less than the table value 2.00 significant at 0.05 level. Therefore, the formulated null hypothesis, there is no significant difference of awareness on environmental protection among secondary school students with reference to their locality is accepted.

### XIII. LIMITATION:

- The study was confined only to the Secondary School Students in Ramanathapuram District, Tamilnadu.
- The sample was confined only few schools in Ramanathapuram District, Tamilnadu.
- The study was confined only 50 samples in Ramanathapuram District, Tamilnadu.
- The demographical variables were confined only to gender and locality.

### XIV. AREAS FOR FURTHER RESEARCH:

- The present study was confined to the only Secondary School Students. This study can be extended for various type of colleges and Universities etc.`

### XV. CONCLUSION:

Environmental problems in India include different natural hazards, particularly annual monsoon and cyclones floods, population growth, increasing individual consumption, industrialization, infrastructural development, poor agricultural practices, and resource misdistribution have led to substantial human transformation of India's natural environment. Jayashree (2010) Aware of importance of the protection and conservation of our environment, and the need to restrain activities which leads to an indiscriminate release of pollutants into the environment. So, we should give environmental awareness to the students and also making environmental education is a compulsory subject in school curriculum as well as in college level may lead to make the students know the necessity of preserving and resorting the environment. The study is sure to find some usefulness in the field of education and findings of the study can serve as a database for further research.

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