

Impact of Science Clubs/Eco Clubs in Creating Awareness among the Students

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Abstract – Being committed to popularize science and creating general awareness about the protection of eco systems and environment I have organized 5 clubs ie Raman science club Dhanaula, vipnet affiliation number v-2617002, Suhird yadgari science club KattuV2617003, Galileo science club DangarhV2617004, Joule science club manna pindi DhanaulaV2617005, Homi Bhabha science club V2617006. Through these clubs I am permuting the awareness about 5 Rs (reduce, reuse, recycle, repair, refuse) related to save the environment .

My other concern as a teacher, physics lecturer, science activator, environment friendly ,well wisher of the society I am conducting science programmes to teach the students about the scientific methodology to be applied for solving the day to day problems by using what, why, how, when and where.

I have created physics center in my school which consists of nine rooms. These rooms are physics lab, dark room, office, multipurpose room, library, domonstration hall, meeting hall, observatory hall, gallery room. These rooms contain story of physics and technology, physics posters, story of water, story of pesticides, slide projector, television, cd, laptop with projector, telescope, microscope, amplifier, taperecord, teaching learning materials, numbers of low cost teaching aids of physics and environment. I encourage the students not of my school only, but also of the schools of the surrounding areas to visit the physics center. The aim of the teacher should be to make the students think scientifically, act scientifically. With my effords the most of the students have learned to think green, eat green, read green and build green.

Keywords – Awareness, Scientific Methodology, Five Rs, Green Environment.

I. INTRODUCTION

Trees not only serve as lungs and kidneys of ecosystem, but are also extremely important for protection and improvement of environment in general and human welfare and survival of biodiversity in particulars. They also have special place in our social and religious heritage. The planting of trees is important not only to green the open spaces but also to avail of their benefits in terms of better health, food, shade and pollution free surroundings. Planting should be done on large scale during monsoon periods (july-oct.) and during spring (feb.-march). Mixed plantation of a number of species will create better habitats that will attract diversity of birds.

We have reached such a stage that we cannot think of a single moment without science. Whatever we see around us today we see the touch of science in everything around us. The present age is the age of science, an age marked by the unique contribution of science and scientific temperament. Science teaches man to think rationally and the application of this rational approach in every walk of

life. Science based technology has rendered our life very comfortable and has generated numerous facilities for us. The purpose of my this study is to estimate the general awareness of the students about the role of science /eco clubs in popularization of science and technology.

II. OBJECTIVES

- 1- To involve children in action based programmes related to environment.
- 2- To make children understand environment and environment problems.
- 3- Exchange of science and technology information, knowledge experience and material among students.
- 4- Permotion and coordination of science popularization activities. in schools
- 5- To provide environmental education opportunities for school children
- 6- To impart information about importance of trees particularly about their ecological values.
- 7- Positive impact on the young minds.

III. METHODOLOGY OF THE RESEARCH: TOOLS AND TECHNIQUE USED QUESTIONNAIRE

- 1- Are you a Member of Science Club in School : yes /no
- 2- Are you a Member of Eco Club in School : yes /no
- 3- Do you Believe in Superstitions- yes /no
- 4- Do you Participate in Plantation Programmes_ --- yes /no
- 5- Do you Participate in NEAC Programmes_ --- yes / no
- 6- What is your Contribution in Conserving The Biodiversity-----
- 7- Do you Celebrate The World Environment Day: yes/no
- 8- Do you Celebrate the World Science Day: yes/no
- 9- Do you Celebrate the World Preservation of Ozone Layer Day: yes/no
- 10- Do you Celebrate the National Technology Day: yes/no

IV. DATA ANALYSIS AND INTERPRETATION

During my survey for this study I approached 100 students of different levels. I came to the conclusion after analysing the answers given by them to the questionnaire prepared for this purpose. To the question are you a member of science club in school all the students replied yes. To the second question have a member of Eco club, all the students replied yes. To my third question regarding believe in superstitions they are replied in negative. All the students were participiating in various Plantation programmes and they were also active participate in

NEAC programmes. These students were making efforts to conserving the biodiversity in the school. They were celebrating the various days related to Environment: world Earth day world biodiversity day, world environment day world wetland day international day for preservation of ozone layer and related to science national science day national technology day etc..All these students initially motivated the other students of the various levels viz primary middle high senior secondary and the general public of the society. This survey also revealed that these member of eco clubs and science clubs were familiar with the vernacular and botanical names of the various trees and plants found in the state of Punjab.

V. CONCLUSION

From the above studies I have learned that these students are having a good reasonable knowledge about science popularization through science and eco clubs. From this interaction I have concluded that the science and eco clubs are having tremendous potentiality to enhance the activities relating to science and environment popularization and the students involved in these clubs have upper hand over the other students who are not the member of such clubs.

SCOPE FOR FUTURE

Such studies have favourable scope for future in developing the interest of the students to permote and protect the environment and to further suggest the solutions for the problems being faced in the spheres of science and environment.

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- 6- School management committee Dhanaula

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ANNEXURE

Attached photographs



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