**INDIAN WOMEN SCIENTIST'S ASSOCIATION (IWSA), NELLORE bRANCH**

**A Report on Plastic and Environment**

**Place of the Project presented:**

Dr K K R Gowtham School, Tirupati,

**Presenter:** Dr.M.Neelima Raj

Asst.Professor, Dept.Of Sciences

AIMS Institution, Peenya,

Bangalore

**Participants:** Three Batches

8th Standard Students

9th Standard Students and

10th Standard students

**Date of Presentation**: 19/11/2018

**Summary:**

The School gave an opportunity to present a small project on Plastic and Environment on 19th November, 2018 for 8th,9th and 10th standard students. I have started with how we can make changes in our everyday lives to reduce the heavy burden of plastic pollution on our natural places, our wildlife and our own health. While plastic has many valuable uses, we have become over reliant on single -use or disposable plastic- with severe consequences. Around the world, 1 million plastic drinking bottles are purchased every minute. Every year we use up to 5 trillion disposable plastic bags. In total, 50 percent of the plastic we use is single use. Nearly one third of the plastic packaging we use escapes collection systems, which means that it ends up clogging our city streets and polluting our natural environment. Therefore , I have told the students some specific ideas like bringing own shopping bags to the supermarket, ask to use non-plastic packing to food suppliers, pick up any plastic you see the next time you go for a walk on the beach, etc.. from which they can come up with new ideas in managing our city's plastic waste. Also guided how the process of plastic is being recycled referring to recover waste and scrap plastic and reprocessing it into useful product. Due to the fact that plastic is non-biodegradable, it is essential that it is recycled as part of the global efforts to reducing plastic and other solid waste in the environment.

Concluded with what is our responsibilities, Students gave the their views by telling how proper management for disposal, reduction of usage of plastics and public awareness that would bring a great difference in present situation.