

Best Practice:-1

Title: - “GREEN GANESH FESTIVAL” AN ECOFRIENDLY IMMERSION AND DISINTEGRATION OF GANESH IDOLS.

Objectives:-

- Prevention of irreversible environmental effects on the coastal ecology or the eco-system of any water body.
- To make aware society about environmental damage caused by Plaster of Paris idols and chemical paints.
- To cultivate awareness of ecofriendly Ganesh IDOL immersion and disintegration instead of traditional method.
- Recycling of POP and convert it in biodegradable form.

Context:-

Shree Ganesh festival is one of the most popular festivals in India. After festival the idols are immersed in the sea, river or nearby wells. Traditionally the idols were sculpted out of reusable clay (shadu) which gets disintegrated automatically. In recent years plaster of Paris (POP) is being used for Ganesh idols preparation. The POP idols do not dissolve in water and pollutes water. Also the chemical paint used to decorate the idols contain mercury, lead, cadmium and carbon and this increases the acidity and heavy metal content in the water. Careless dumping of Ganesh idols in water bodies blocks the natural flow of water and also disturbs the aquatic life. This results in stagnation and breeding of mosquitoes and other harmful pests. The polluted water causes several diseases including skin diseases. Also ultimately causes irreversible environmental effects on the coastal ecology or the eco-system of any water body, which in turn causes adverse environmental effects. Still a large section of the society are unaware of the pollution and environmental damage caused by Plaster of Paris idols and chemical paints. Hence there is a need of ecofriendly immersion of the POP idols and to save environment. The procedure and initiative was under taken with reference to report submitted on Ganesh Idol Disintegration by National Chemical Laboratory.

The Practice: - The students and staff members appeal nearby peoples directly and indirectly by distributing pamphlets to bring their Ganesh idol for ecofriendly immersion of idols at the institute

tank. Students are actively involved in door to door counseling for spreading awareness regarding advantages of ecofriendly immersion. They are made aware about harmful effects of POP. The ecofriendly immersion is carried out in institute campus. The institute provided the big Tank with necessary chemical agent for preparation of required solution. The Idols are immersed in solution containing ammonium bicarbonate with necessary concentration. During the disintegration the calcium sulphate (POP) reacts with ammonium bicarbonate and forms water soluble ammonium sulphate along with calcium carbonate residue. The ammonium sulphate formed is soluble in water and can be directly used as fertilizer in agriculture land or gardens. Calcium carbonate finds applications in mainly cement industry.

Evidence of success: - Many people along with students and staff accepted the ecofriendly method rather than traditional method, which was a positive impact of door to door counselling and awareness by the students. They brought the ample number of idols for ecofriendly immersion. The feedback collected from people at the time of immersion revealed success of this activity. While extending one's self for others, the students have been giving feedback as to how such practices have helped them to become authentic persons and sensitive budding professionals.

A sense of involvement and responsibility towards the community is an important element of student's education. Through their interaction with marginalized people, students learn to address, question and finally reject discriminations in all forms.

Problems Encountered: - While conveying message in local language the handling of people mentality for a while to yield positive and satisfactory response is quite difficult. To accept ecofriendly immersion and then traditional system of immersion is became barrier for some people. The immersion process was challenging one and quite risky as need full attention and safety appliances. Busy schedule of academics becomes major problem. It tends to work in off hrs and on holidays.

Resources required:- Enhanced no. of hands to fuel activities through NSS. Planning structured time schedules to enable students to make this a practical part of their theoretical learning. Inspiration and expenditure adjusted through the college development committee.

Best Practice: 02

Title: - ORTHOPEDIC PATIENT REHABILITATION SUPPORT THROUGH EQUIPMENT BANK.

Objectives:-

- To provide post- surgical supporting appliances for deprived orthopedic patients.
- To help economically backward people by providing costly appliances at free of cost.
- Sustainable use of medical appliances and create social harmony.

Context:- It has been observed that the purchasing of costly appliances used in post-surgical treatment in case of orthopaedic patients especially in proletariat is a major issue in the society. So to meet need of such incapable patients, institute decided to provide these appliances at free of cost

Practice: - Purchasing of appliances was decided after discussion with orthopaedics, physicians and surgeons. The foundation fund was received from J.S.P.M. People seeking for use of service have to register details on telephonic conversation or personally visiting to institute. Transportation cost of appliances has to borne by users.

Evidence of success: - The letter of thanks is received after the use of equipment by some of the beneficiaries. This provides us to have the feeling of returns of debts to the society. Students also learn their social responsibility.

Problem: - Initially it was difficult to decide list of appliances to be purchased for the service. To make avail quality appliances through authenticated suppliers.