



## Best Practice 2.

### ENVIRONMENTAL CONSERVATION

To inculcate interest and awareness about environment and its conservation among the citizens and students.

#### 1.0 Objectives of the Practice

- To inculcate environmental consciousness among students and citizens
- Pollution free and environmental friendly campus.
- To cultivate and propagate endemic and threatened plants
- To conserve natural and energy resource.

#### 2.0 The Context

Tremendous urbanization and civilization and its ever increasing rate is major global environmental threat, which not only pollute the environment but exploits the natural resources. Same trend of environmental deterioration and exploitation of nature is observed in Dapoli and its vicinity. Dapoli is famous for its cool and pleasant atmosphere and beaches. Its environmental and ecological hotspots are conserved yet, but increasing urbanization, concept of second home destination starts the deterioration of the nature, cutting of forests and creates disturbances in environment. Prevention is always better than cure. In line with this narrative we are inculcating the practice of in campus environment conservation and develop environment consciousness among the stake holders in order to protect the environment of Dapoli and stop the exploitation of natural resources and conserve, cultivate and propagate the endangered and threaten species.

#### 3. The Practice

- ❖ Solar panels are available in College Campus to reduce the demand of energy and its utilization.
- ❖ College develops rain water harvesting system. The **harvested water** can also be utilized for groundwater recharge
- ❖ Practice of celebrating No Vehicle Day



- ❖ Compost pit is constructed in the campus in order to convert biodegradable solid waste into useful manure which is used as fertilizer for plants in the campus.
- ❖ To keep college campus clean, dust bins are placed in the college campus.
- ❖ To minimize the use of Paper, College adopts a policy of a paperless office.
- ❖ Botanical garden has huge variety of endangered and rare plant species which protect the Flora.
- ❖ Propagation and conservation of endemic, rare, endangered and threatened plants.
- ❖ Celebration of various days and activities related to environment by Green care committee, Environmental science department and nature clubs.
- ❖ Collection of E-waste.
- ❖ Practice of green audit, environment audit and energy audit.

#### 4.0 Evidences of Success.

##### **Cleanliness drive:**

NSS unit conducted Cleanliness drive at flood affected area Chiplun and cleaned 2 flats one clinic and one stationary storage room.

**Reduction in energy requirement** -College has solar panel to reduce the use of electricity and increase the use of non conventional energy sources.

**Rain water harvesting:-** College constructed tanks for water conservation in college campus. In botanical garden trenches are prepared for the water and soil conservation. Rain water from the college roof is collected and it is allowed to percolate in the land to increase water table.

**Waste management:** -College conducted E-waste collection drive in which all e-waste is collected and handed over to agency for recycling.

**Conservation of rare and endangered species:** Flora and fauna are continuously protected in botanical garden and preserved the virgin forest in college campus. More than hundred endemic and critically endangered plants of *Frerea indica* are propagated and distributed to some colleges for conservation.

Green care and Nature club committee conducted different activities in which all college students and teachers were involved. Some activities were conducted online because of pandemic. These are as follows

Green care committee has conducted different activities like Rain water harvesting through trenches in Botanical Garden and college campus, webinar

on wetland for creating Awareness and Importance of mangroves, Poster Making Competition on Plastic pollution Awareness. Eco- friendly Ganesh Idol making Competition, Water Mania, Slow Motion Water Effect and Water Quiz Competition conducted for creating awareness regarding Water Pollution, Ecofriendly rangoli competition, Ecofriendly Products preparation from waste material, Quiz competition on occasion of international tiger day for protecting the natural habitats of tigers and to raise public awareness. Photography competition as well as Environment logo competition conducted on Earth Day. Environment quotes were made by the students and to maintain the quality of the water, water quality check up is carried out after three months.

Nature club committee conducted different activities like Quiz competition on occasion of World Environment Day, Photography competition on wild vegetables and wild fruits and World Migratory Day –Bird Global weekend to create awareness regarding wild vegetables, fruits and birds. Organized National level webinar on ‘Snakes around us’, also conducted poster making competition on occasion of Tiger Day, painting competition on wild life and climate change, poem writing competition on wild life. Organized Seed collection Drive, Dry food items and Grocery collection from Students and staff on occasion of World Roti Day and Food Items and groceries which was collected distributed in Indirabai Bade karnbadhir vidyalaya Dapoli and Anand divyang prashala Jalgaon Dapoli. .

Environmental science and botany department also organized many activities related to plant conservation and maintenance of biodiversity. These activities are helpful for students, college, environment protection and sustainability.

### **5.0 Problems Encountered -**

Due to Covid situation this year college conducted some activity by online mode. This activity required more human resource. Human resource is available in the form of college students but due to Covid it is not available.

### **6.0 Resources Required**

Enthusiastic Human Resource, Financial Resource, Incubation of innovative ideas

Logistic Support .But till date these activities are successfully organized every year by overcoming the problems and generating resources.



  
Principal  
Dapoli Education Society's  
Dapoli Urban Bank Senior Science College,  
Dapoli, Dist. Ratnagiri