

EDUCATIONAL EXCURSIONS SPECIALLY DESIGNED FOR E. V. S. & E. V. E. PROJECTS OF SCHOOLS

GO GREEN NURSERY & YUSUF MEHERALLY CENTRE

TOPICS COVERED: Topics will be part of the broad programme which includes experiments, field observation, presentation, quiz contest, etc. The topics include: > Plants classification > Plants In Daily Life (Bushes, Climbers, creepers, Trees & Grasses) > Curative power of various Medicinal plants > World of Flowering > Biodiversity of plant world > Plantation Techniques > Understanding Nature's food chain > Water Conservation > Cleaner Air, Healthier Living > Management Techniques.



The self help scheme at, The Yusuf Meherally Centre located at Tara near Mumbai, is one of Maharashtra's oldest voluntary organisations that helps local women to profit from the produce of their fields.

The students are educated about an oil pressing mill. Here black till and other seeds are cold pressed for oil. They are also imparted with the knowledge of Vermiculture.

An old cycle standing in one corner of the center is converted and used to charge the batteries used for the activities in the center.

From an institution providing itinerant medical aid, the centre has grown into a full-fledged rural development agency that handles issues relating to women and Adivasis, health care, education, rural industries, watershed development and organic farming.

The students are also shown and taught the art of soap making, pottery and carpentry work.

KESHAV SRUSHTI

Activities & project that can be covered in Keshav Srushti Environment Orientation Programme.

Assisted trail around Keshav Srushti for 1.5 hr in group of 35 students

- **Trail around Keshav Srushti** (Ecosystem, Biodiversity, Plant taxonomy (identification & classifications), grafting, planting, medicinal plants.
- **Visit to Biogas plant**
- **Solar energy**
- **Organic fertilizers & implementation.**
- **Green house**
- **Vermi-compost**
- **Apiculture** (Bee keeping & knowing life cycle)
- **Keshav Srushti Gaushala & Animal husbandry**
- **Agricultural activities** - visit to vegetable cultivation, orchards, tools & techniques, etc.
- **Visit to Check dam, canals, drip irrigation**
- **Water conservation** - Rain water harvesting.

Trail around Keshav Srushti

Keshav Srushti trail contains forest trees such as Teak, Palm, Ain, Kinjal, Arjun, Casurina, Jamun, Palas, Bamboo, Wad, Ashoka, Silver Oak, Babhul, Acassia, Kadamb, Shankasur, Umbar etc. around 3100 forest trees are available in the area. Flowers and ornamental Plants are Jasmin(Mogra), Hibiscus(Jaswand), Rose, Meri-gold (Zendu), Duranta, Exora, Anthurium, Pillia, Acalipha, Croton, Bougan-vel etc. around 10000 plants are available in the area and plants saplings are also available for purchase from nursery.

NATURE INFORMATION CENTRE

Located inside the **Sanjay Gandhi National Park**, NIC conducts various environmental education and awareness programmes for students.

The **activities** conducted by the Centre are:

- Nature walk conducted by experts on designated pathways into the forest. This walk gives the students a firsthand experience of the forests.
- Slide shows on various environmental topics.
- Wildlife film show – these documentaries give the students an in depth knowledge about Indian wildlife.
- The interactive session helps the students to understand the intricacies of nature through games.
- The Lion & Tiger safari gives the students an opportunity to see these large wild cats in their natural surroundings, their behaviour, and habits.
- The nature exhibition helps the students to gain knowledge on nature, its conservation and the flora and fauna of the National Park.



BOMBAY NATURAL HISTORY SOCIETY'S (C E C)

BNHS's Conservation Education Centre is located on 33 acres of land on the outskirts of the Sanjay Gandhi National Park, Mumbai, (near Film City, Goregaon).

The Centre's mission is Conservation of Nature through Education and the aims are:

- To develop innovative techniques and aids for nature conservation education.
- To provide consultancy and training service in conservation education techniques.
- To demonstrate and promote environment-friendly practices.
- To become the national centre of excellence for nature conservation

The Centre consists of three interactive public areas namely, Display Hall, Discovery Room and Auditorium.

The 33-acres of land, which is well covered with deciduous forest, is used for conducting nature trails. Five nature trails have been designed and have interpretation stations installed on the trails. A variety of small wildlife can be seen while on the trail, which is very attractive to visitors coming to the Centre.



Here the students are taken on a forest trail and explained why forests are required, the different components of a forest, its flora and fauna, etc. A slide show is also organised and time permitting, environmental games and a quiz show is also conducted.

MAHIM NATURE PARK

Located on Bandra – Sion Link road and on the southern bank of Mithi River. It covers an area of about 37 acres and which at one time used to be the city's garbage dumping area.

On the periphery of the Park is, the Mahim Creek, which supports a lush evergreen mangrove forest. This estuarine vegetation and the surrounding mud flats are favorite roosting spots for migratory and aquatic birds that winter in the Indian subcontinent.

The Park Aims:-

- To provide the citizens of Mumbai a quick change to relatively green and unpolluted area.
- To educate the people, particularly children in Ecology and Nature Conservation.



A nature trail is conducted where the children are educated on various types of plants including medicinal plants, different types of birds and butterflies and various types of flowers. A slide show and film show on botany is also shown.

ECOTEL HOTEL

ECOTEL is a certificate which guarantees that the hotel is environmentally sensitive. To obtain this certification the hotel has to fulfill the following conditions:

- Environmental Commitment
- Solid Waste Management
- Energy Efficiency
- Water Conservation
- Employee Education & Community Involvement

These five areas are referred to as the cornerstones of environmental responsibility, or simply as Five Globes. The Orchid in Mumbai is one of the only four hotels in the world to maintain top-level, "five-globe," ECOTEL®-Certified status.

Correct answers to a few simple questions as under entitles the hotel to acquire the ECOTEL certification:

Air-conditioning – Does your room air conditioner remain on all day or does it turn on and off when you come and go.

Lights – Can you turn off all the lights with one switch as you leave the room?

Linen – Is there a sign asking you to reuse your towels and sheets.

Water – Do the faucets and toilets use water efficiently?

Bathroom Amenities – Are there soap and shampoo dispensers instead of individual bottles?

Laundry – Is the laundry bag plastic or cloth?

Recycled Materials - Is the hotel stationery made from recycled paper?

Garbage – Does your room have separate bins for trash & recyclables?

Food – Does the hotel give away leftovers to local shelters or does it have a food compositor.



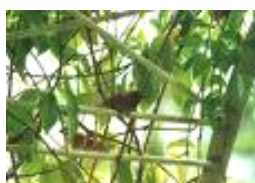
WADI HUSENA

Nursery Plantation: Wadi Husena houses medicinal shrubs and trees, vegetable plantation mango trees and saplings. Rain trees, mango, chicku, coconut, nilgiri, shesham, gulmohar, teak and babul tree plantations are sprawled across Wadi Husena along with the rare passion fruit tree.

Milk Processing Plant: A milk processing plant is developed at Wadi Husena which will provide thorough knowledge of the milk processing activity.

Vermicompost: Vermicompost procedure can be witnessed at Wadi Husena where vermicompost operations can be witnessed.

Rural Activities: Various unique rural activities like drawing water from the well, milking the cow, venturing into cart-rides, visiting tree houses etc. as part of the agro-tourism concept can be witnessed.



ADDITIONAL ACTIVITIES

Honey Bee Keeping
Organic Pesticides
Fish Farm

Centre Nature Trail
Gober Gas Plant
Vegetable farm

Life is an Adventure !!! Live it !!!