



## One Day Program on Biodiversity Conservation

### Introduction

Unless students locate their individual stand points in relation to the concepts represented in textbooks and relate their knowledge to their environment, knowledge is reduced to the level of mere information. To bridge this gap, there is a need for children to understand and appreciate our country's natural resources and learn how to conserve those resources for future generations through activities with scope for hands on experience, observation, experiments and outdoor learning is needed.

In this context, Regional Museum of Natural History Mysore, in collaboration with TDU organized one day program on biodiversity conservation to create awareness among the underprivileged children. This program was organized on 20<sup>th</sup> August 2018. 50 underprivileged students participated in program from 2 different schools, 25 students from Parikrma Humanity Foundation, Bangalore and 25 students from Jawahar Navodaya Vidyalaya, Bangalore

### Session Details:

#### Session 1: Inauguration

The program commenced with the welcome speech by Ms. Anu. V, Senior Research Fellow. Dr. M Abdul Kareem, Associate professor at TDU gave an overview of the University and briefed the participants on the program schedule and Mr. Vijay, Scientist-B at RMNH, Mysore gave an overview of the on Museum activities and shared the benefits of participating in the program. Dr. Atul Kumar Gupta, Retd. IFS and Honorary Advisor at TDU, Bangalore motivated students in conservation of nature for the upcoming generation and advised students to cultivate an habit of observing the nature.

#### Session 2: Visit to Herbarium

Dr. Anbarasan, Ecologist at TDU, gave introduction to the world of herbarium, he explained the importance of having herbarium and stressed on the uses of herbarium. He then explained how to prepare herbarium, method of collecting the herbarium specimen, drying the specimen, pressing and mounting. He also



highlighted the importance of herbarium.

### **Session 3: Visit to Herbal Garden**

The participants then visited Ethnomedicinal garden of TDU campus, which harbors more than 450 species of medicinal plants. It has nursery and mist chambers for propagation. The shade houses with misting facility for special indoor plants are also maintained in the nursery. Ms. Nandini, Consultant, TDU explained them about how to identify medicinal plants with their unique properties like smell of the flower, leaf (lemon grass), structure and shape of the leaf (*Centella asiatica*), taste of the fruit and leaves (*Garcinia* Species). She also highlighted medicinal properties of each species present in the garden. Mr. Vijay helped out the children to identify the Birds in the campus.



### **Session 4: Biodiversity of Kaveri region**

Dr. Naik, from RMNH, Mysore explained the students about the birth of Kaveri, how long the river flows, ending point of the river and he also explained the richness of biodiversity available throughout the Kaveri region.

### **Session 5: Swatch Bharath**

A mono act was performed by Nishanth Gurav, II Msc student of TDU. The Act was based on Swatch Bharath campaign and true story of individuals who took part actively in the campaign. Through the act the students were taught about waste segregation and management etc. The students thoroughly enjoyed the act and promised to keep their premises clean and carry the momentum of a Swatch Bharath!



## Session 6: Sketching nature

Students were asked to draw nature and biodiversity around them. Students were very excited and sketched the garden around them, river valleys, mountain ranges and also a few pictures depicting the ongoing issues around us like, scarcity of water, plastic waste management, cutting of trees etc... this activity created awareness among the students to conserve the nature.



## Session 7: How to Make Origami Papers

Origami is the art of paper folding, which is often associated with Japanese culture. In modern usage, the word "origami" is used as an inclusive term for all folding practices. Mr. S. J. Srinivasa from RMNH, Mysore gave an introduction on making origami art paper, he demonstrated different models like making cat's face, tiger's face and elephant's face. He also explained what kind of paper should be used and techniques to handle scissors.



## Valedictory:

The program concluded by handing over participation certificate and a token gift to students. Students gave their frank feedback on all the sessions, they were excited to see the pitcher plant for the first time, enjoyed interacting with SriLankan delegates and promised as that they will start observing the species, plants around them and conserve the biodiversity around them. Dr. Abdul Kareem concluded the program by thanking the staff and the students.



**List of Faculties:**

1. Dr. M. Abdul Kareem, Associate Professor, TDU, Bangalore
2. Mr. Vijay, Scientist, RMNH, Mysore
3. Dr. Naik, Scientist, RMNH, Mysore
4. Mr. S.J. Srinivas, RMNH, Mysore
5. Dr. Anbarasan, Ecologist, TDU, Bangalore
6. Ms. Nandini D., Consultant, TDU, Bangalore
7. Mr. Nishant, Student, TDU, Bangalore
8. Ms. Anu V., Senior Research Fellow, TDU, Bangalore
9. Ms. Amrita. G., Research Fellow, TDU, Bangalore

**List of students**

SI. No.	Name	School Name
1.	Arun Kumar T.	JNV, Bagalur
2.	B. Rohan Srivatsav	JNV, Bagalur
3.	John C.A.	JNV, Bagalur
4.	Ajith S.	JNV, Bagalur
5.	Nithin R. Gutte	JNV, Bagalur
6.	M. Vinod Kumar	JNV, Bagalur
7.	Sharat R. Hosalli	JNV, Bagalur
8.	K. Prajwal	JNV, Bagalur
9.	Nandan Hegde	JNV, Bagalur
10.	Alok V.	JNV, Bagalur
11.	Shyam N.	JNV, Bagalur
12.	Rahul Rathod	JNV, Bagalur
13.	Kavana S.	JNV, Bagalur
14.	Shreya T.	JNV, Bagalur
15.	Manuja B.M.	JNV, Bagalur
16.	Keerthana B.C.	JNV, Bagalur
17.	Trisha S.	JNV, Bagalur
18.	Cicia Sebastin	JNV, Bagalur
19.	Poojitha S.	JNV, Bagalur

20.	Rakshitha N.	JNV, Bagalur
21.	Sriraksha S.	JNV, Bagalur
22.	Aishwarya L.N.	JNV, Bagalur
23.	Lathashree V.	JNV, Bagalur
24.	Vaishnavi R.K.	JNV, Bagalur
25.	Divya S.	JNV, Bagalur
26.	Karnika V.	Parikrma Humanity foundation
27.	B. Pavithra	Parikrma Humanity foundation
28.	Vijay R.	Parikrma Humanity foundation
29.	Chandan L.	Parikrma Humanity foundation
30.	Vidyashree S.	Parikrma Humanity foundation
31.	Sumanth	Parikrma Humanity foundation
32.	Sanjini A.	Parikrma Humanity foundation
33.	Hatugaihoi Chongloi	Parikrma Humanity foundation
34.	Sreenivas	Parikrma Humanity foundation
35.	Karthik S.	Parikrma Humanity foundation
36.	Muskaan M.	Parikrma Humanity foundation
37.	Pavithra P.	Parikrma Humanity foundation
38.	Harshith T.	Parikrma Humanity foundation
39.	Swaroop A.	Parikrma Humanity foundation
40.	Mugeen N.	Parikrma Humanity foundation
41.	Ganesh H.	Parikrma Humanity foundation
42.	Harshini K.	Parikrma Humanity foundation
43.	Jai Kumar A.	Parikrma Humanity foundation
44.	Karthik N.U.	Parikrma Humanity foundation
45.	Manujakshini	Parikrma Humanity foundation
46.	Aishwarya A.	Parikrma Humanity foundation
47.	Anusha G.	Parikrma Humanity foundation
48.	Gangothri E.	Parikrma Humanity foundation
49.	Gowthami E.	Parikrma Humanity foundation
50.	Deepashree R.	Parikrma Humanity foundation