

## External Faculty:

- Dr. Harish Bhat, Scientist, IISC
- Mr. Santosh, CEE

## Program Coordinator

1. Contact Person: Dr. Abdul Kareem  
Phone Number: 9343130299  
Email ID: [abdul.kareem@tdu.edu.in](mailto:abdul.kareem@tdu.edu.in)
2. Contact Person: Ms. Anu.V  
Phone Number: 7353901138  
Email ID: [anu.v@tdu.edu.in](mailto:anu.v@tdu.edu.in)
3. Contact Person: Ms. Amrita G.  
Phone Number: 9845275561  
Email ID: [amrita.g@tdu.edu.in](mailto:amrita.g@tdu.edu.in)

## List of schools participated till date

- Government High School, Bangalore
- Maruthi International School, Tumakuru
- Maruthi Vidya Kendra, Tumakuru
- Nagarjuna Vidyaniketan, Bangalore
- Oasis International School, Bangalore
- Poorna School, Bangalore
- Sri Sri Ravishankar Vidya Mandir, Bangalore
- Team Academy, Davengere
- Vidya Mandir School, Bangalore

### Duration:

The course is for one day from 10.00 am to 4.00 pm.  
Maximum four Modules per day,  
Monday to Friday

### Course Venue:

TransDisciplinary University, Bangalore

Rukaiya Sadiq, Student  
Oasis International School

"I found the whole program very interesting. The demonstration of the facial mask was most useful. A hand on experience at anatomy class was more effective than only theory class at school".

Sharmada Kaushik, Student  
Poorna Learning School

"The orientation program on Plant morphology, Anatomy and Biodiversity was very informative and engaging. The session on Biodiversity conservation was more exciting and useful".

Sanath K.V., Student  
Sri Vidya Mandir High School

"All the sessions were very interesting Different kinds of medicinal plants were shown. The vermicomposting session was the best and I got to know the importance of earthworm in preparing vermicomposting".

### Target Group

This course is designed for students of 7<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> Class of any board of education.

**Program:** Starts from 1<sup>st</sup> June 2017.



# KNOWING THE UNKNOWN !



The cities have witnessed an incredible urbanization of late, in the name of modernization leading to rapid diminishing of green cover. It is necessary to maintain an ecological balance, a truth not sufficiently appreciated and understood in the world of urbanize advocacy.

Understanding and appreciation of urban ecosystem and planning development in harmony with nature can go a long way in building a healthy urban ecology and therefore, pertinent to mould the young mind in conserving the biotic components in a whole hearted and conscious manner.

The Institute of TransDisciplinary Health Science & Technology, a TransDisciplinary University is built upon 20 years of pioneering work done by Foundation for Revitalization and Local Health Traditions (FRLHT), Bangalore, has bio-cultural repository of plant resources consisting of a herbarium, museum of raw drugs, an image library, and unique R&D unit with its research activities being guided by the Traditional Knowledge and also ethno-medicinal garden. The herbarium has 40,000 accessions corresponding to about 3,800 taxa. The raw drug museum holds accessions of market samples of raw drugs pertaining to 400 species and samples collected directly from authentic botanical sources pertaining to 440 species. The herbarium and raw drug repository is supported with an image library that possesses over 20,000 plant images, scanned herbarium sheets and raw drugs. The ethno-medicinal garden has a live collection of about 1500 plant species with 24 cultural themes.

The University has trained foresters, members of Self Help Groups, managers of bio resources, Ayurveda physicians and students from national and international school on identification and documentation of biodiversity components, Primary Health care and Conservation through GIS application.

We have designed a unique one-day orientation program (Since 2015) for the school children of Bangalore pursuing their secondary education. Till date we have oriented 759 students from ten different schools

**Objective:**To apprise students the need to conserve plant resources through an interactive based learning process and practical demonstration in the following areas:

- Module 01:** Plant morphology – hands on experience
- Module 02:** Plant anatomy – an overview
- Module 03:** Biology of DNA life
- Module 04:** Introduction to plants metabolism
- Module 05:** Biodiversity and Conservation – an overview
- Module 06:** Conservation through gardening:
- Module 07:** Conservation through GIS application
- Module 08:** Primary Health Care
- Module 09:** Plant ecology
- Module 10:** Plant and wildlife interaction



**Dr. Malali Gowda (Genomics)**  
Professor



**Dr. Abdul Kareem (Ethno-botanist)**  
Associate Professor



**Dr. Noorunnissa Begum (Plant Taxonomist)**  
Associate Professor



**Dr. S. P. Balasubramani**  
Assistant Professor



**Ms. Sathya Sangeetha**  
Assistant Professor



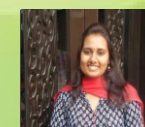
**Dr. Shilpa Naveen (Ayurvedic Doctor)**  
Senior Research Officer



**Ms. Nandini Dholepat**  
Consultant



**Ms. Anu V.**  
Senior Research Fellow



**Ms. Amrita G.**  
Research Fellow