

# NATURE SCIENCE INTERNSHIP PROGRAMME

VAGDEVI VILAS SCHOOL, VARTHUR



**Teacher Co-ordinators: Venkat Reddy and Bhavisha Wala**

## TEAM TERRESTRIAL

Keerthana  
Ritika  
Ramya  
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## TEAM AQUATIC

Samidha  
Harshitha  
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Charan  
Narean

# Terrestrial study area

- Campus of Vagdevi Vilas School, Varthur is selected for study of terrestrial biodiversity.
- Students are visiting the selected area weekly to monitor the biodiversity.
- Perimeter: 420.69m
- Area: 0.80 ha



# Insects

- 22 species of butterflies are noted till date in the selected area
- Some other insects include-  
Honeybees  
Dragonflies  
Golden back ants  
Beetles  
Spiders  
Wasps



# Birds

- 17 species of birds have been recorded in the selected area.
- Other small animals seen: skink, squirrel, snake, lizard, calotes, rats etc.



- Greater Coucal
- Spotted Dove
- White Throated Kingfisher
- Black Drongo
- Common Myna
- House Crow
- Jungle Crow
- Purple Rumped Sunbird
- Small Green Bee Eater
- Red Whiskered Bulbul
- Purple Sunbird
- Black Kite
- Golden Oriole
- Rose Ringed Parakeet
- White Browed Wagtail
- Oriantale Magpie Robin
- Swift

# Aquatic study area

- Munnekolala lake is selected as the study area for aquatic system.
- This lake is on about 15 acres of land in Marathahalli.
- There are five inlet points and one outlet point from the lake.
- It is frequented by many local residents who enjoy the provided walking path.



# Birds at Munnekolala Lake

- Grey Heron
- Little Egret
- Pond Heron
- Red Wattled Lapwing
- White-breasted Waterhen
- Black Cormorant
- White-breasted Kingfisher
- Pied Kingfisher
- Rose-ringed Parakeet
- Brahminy Kite

  

- Water is collected from inlets and outlet and stored at 4°C. Further water analysis will be carried out.



# Future studies

- Water testing of the lake water collected
- Soil testing
- Fabric lifecycle
- Foodmile
- Regular observations at Munnekolala lake and School study area.

**THANK YOU**