

# NATURE SCIENCE INTERNSHIP PROGRAMME

VAGDEVIVILAS SCHOOL, VARTHUR



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

## **TEAM TERRESTRIAL**

Keerthana

Ritika

Ramya

Thilak

Chirag

## **TEAM AQUATIC**

Samidha

Harshitha

Varshitha

Charan

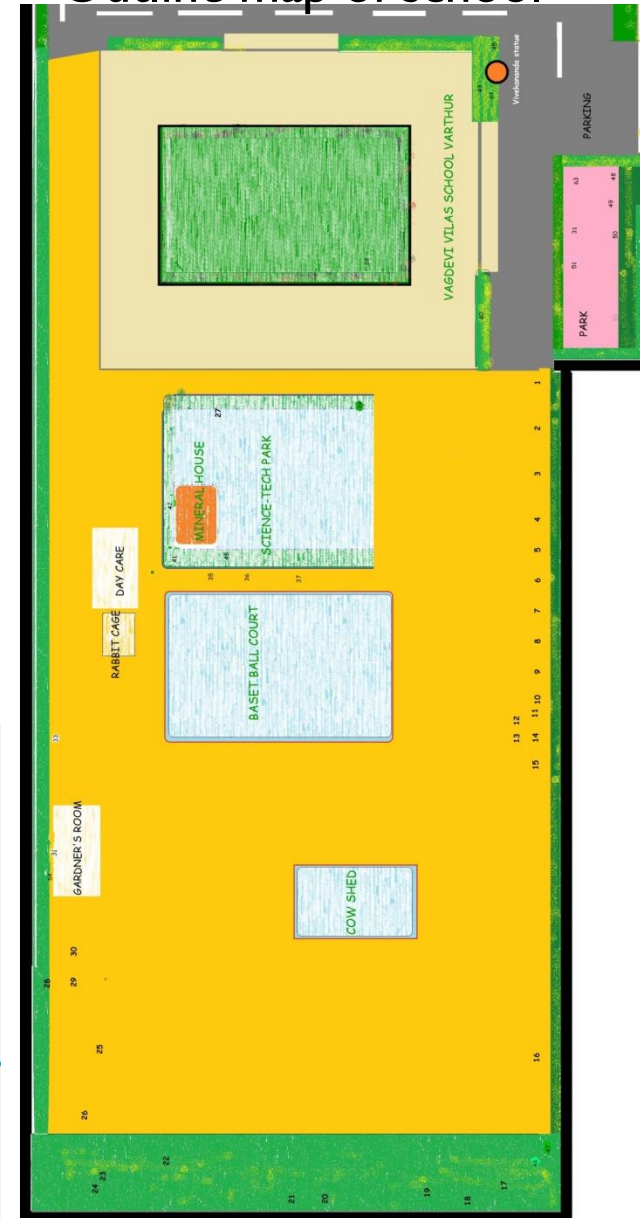
Narean

# 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



Outline map of school



# 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

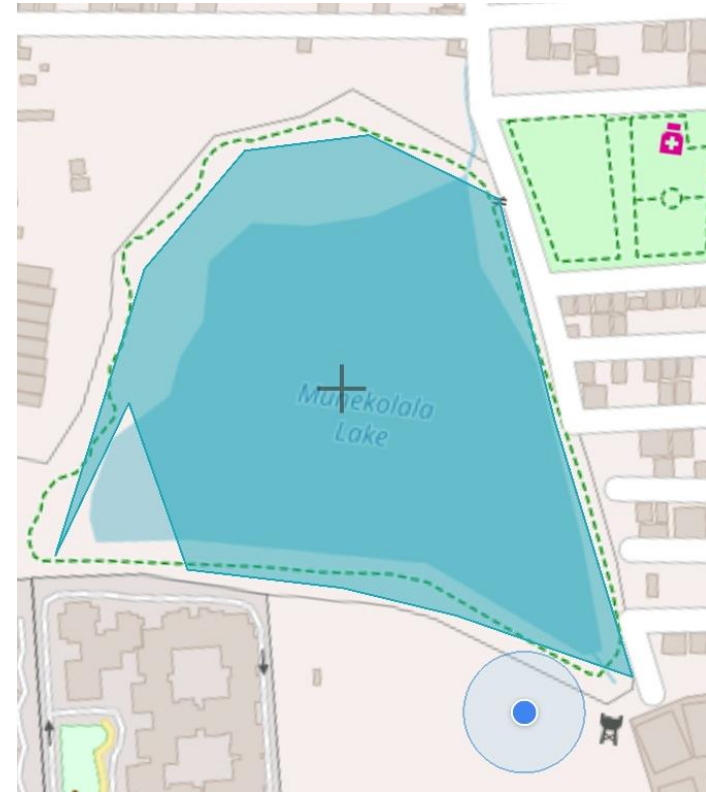
- 17 species of birds have been recorded in the selected area.
- Other small animals seen: skink, squirrel, snake, lizard, calotes, rats etc.



- 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
- Orientale Magpie Robin
- Swift

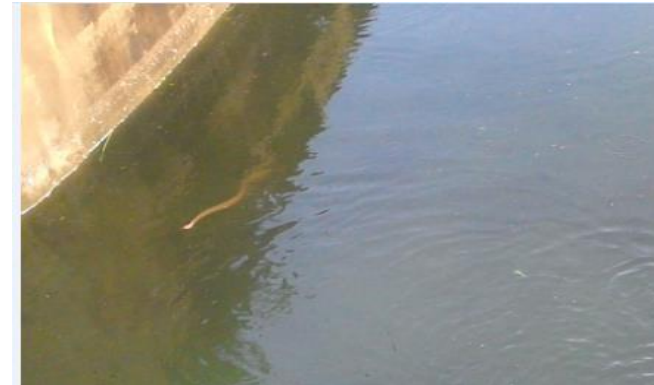
# Aquatic study area

- 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 Wattleed 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**