

Nature Science Internship Programme - 2017



Vagdevi Vilas School - Bidadi

Team Members

Students

1. Amulya V
2. Nidhi K R
3. Pruthvi Raje Gowda S
4. Baby Kruthika K
5. Abhin V S
6. Kiran R G
7. Deepthi B
8. Prakruthi Urs B S
9. Bhuvan V
10. Suhas S Vasishta

Teachers

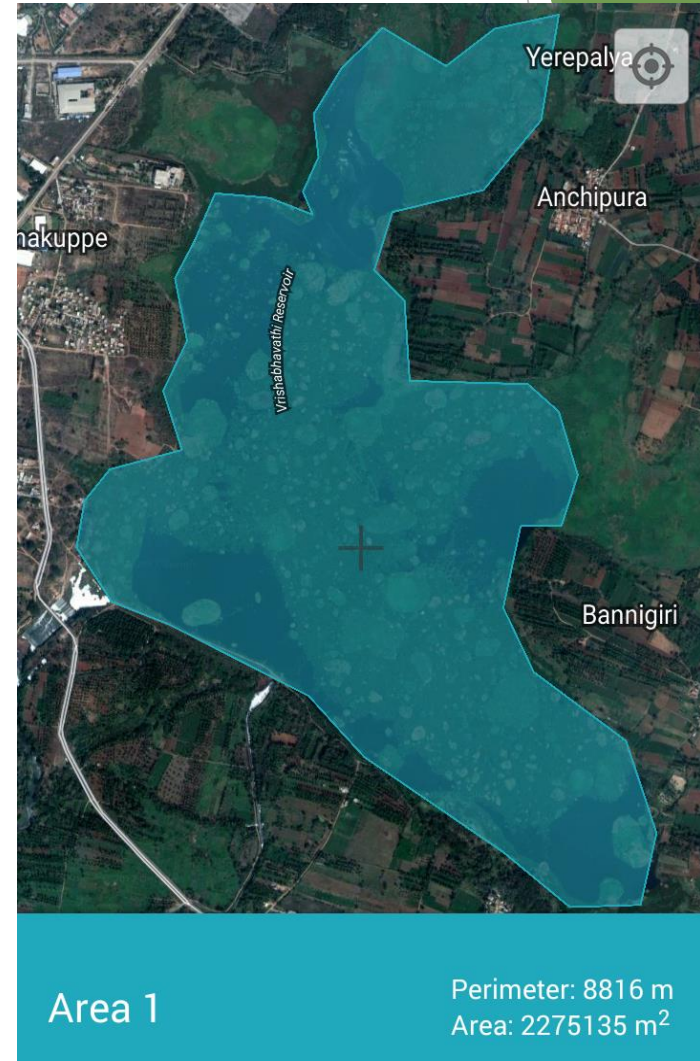
Srinidhi C M

Smt. Jagadamba

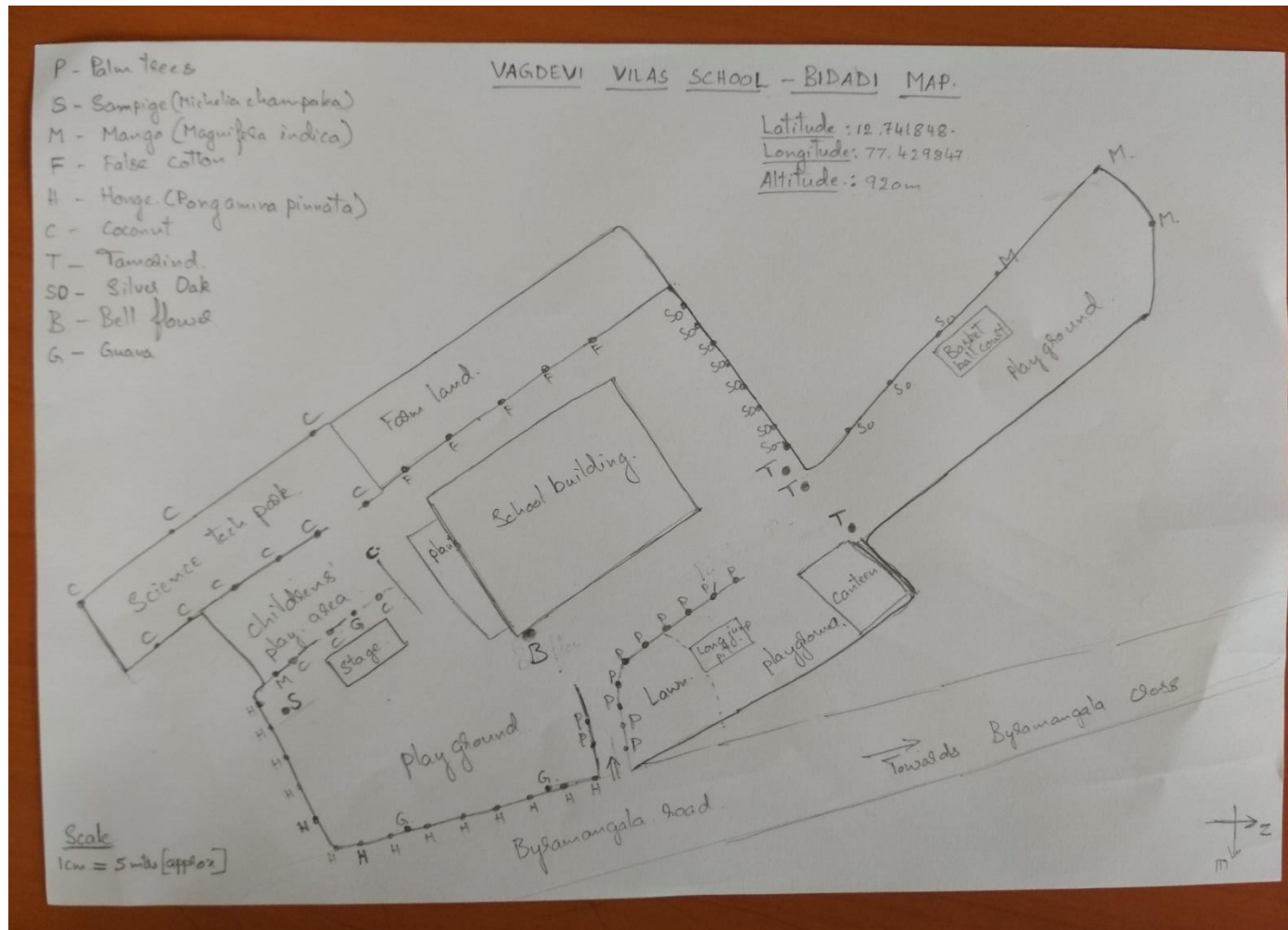
Study Location : VVS-Bidadi Campus

Latitude : 12.741848

Longitude : 77.429847



Map of Vagdevi Vilas School- Bidadi



Tree study



Tree study

Local name	Scientific name	Coordinates	Height	Girth	Oxygen production	Dependents
Bell Flower	Spathodea Campanulata	Lat:12.44509 Lon:77.25811	17.7 m	3 m	82.8 ml	Birds Butterfly Ants
Sampige	Michelia Champaca	Lat:12.44509 Lon: 77.25811	8.53 m	0.44 m	156 ml	Birds Butterfly Ants Spider
Mango	Mangifera indica	Lat:12.44510 Lon:77.25811	6.12 m	0.35	120 ml	Ants Spiders

Bird Study



Common name	Scientific name	activity	number s	Location Tree
Pale-billed Flowerpecker	<i>Dicaeum erythrorhynchos</i>	Perching	1	Lat:12.44509 Lon:77.25811
White browed fantail	<i>Rhipidura aureola</i>	Nesting	8	Lat:12.44509 Lon:77.25811
Red-whiskered bulbul	<i>Pycnonotus jocosus</i>	Perching	1	Lat:12.44509 Lon:77.25811

Butterfly study

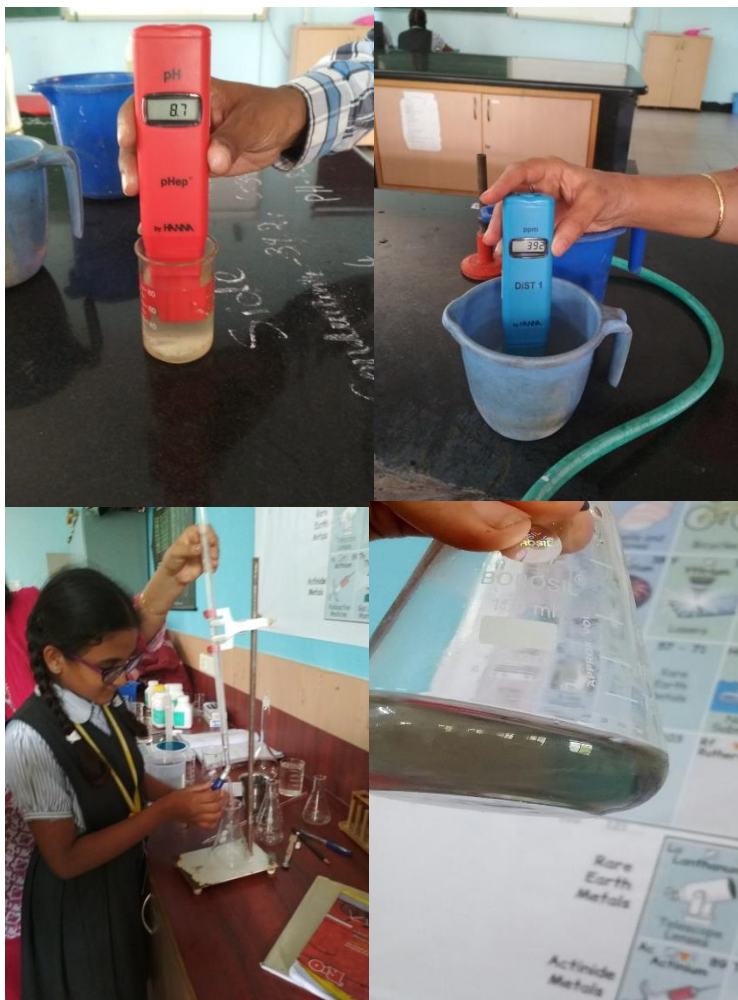
- ▶ Lemon pansy
- ▶ Common rose
- ▶ Common indian crow
- ▶ Common sailor
- ▶ Common leopard
- ▶ Mottled emigrant
- ▶ Psyche
- ▶ Tailed Jay
- ▶ Common emigrant
- ▶ Tawny coster
- ▶ Common Gull
- ▶ White orange tip
- ▶ Striped tiger

Soil Test



Sample	Field Density (g/cm ³)	Bulk Density (g/cm ³)	pH	Texture	Colour	% of Water content
1	1.047	0.93	7	coarse	Brown	12.58
2	1.1	0.87	7	coarse	Brown	10
3	1.3	0.98	7	coarse	Brown	32.65

Water analysis



DATE :
8/9/2017

Time : 9.00
am

Weather :
Sunny

LOCATION :
Vrushabavati
channel

Large aquatic
plant present

Typha , Pistia,
Stratiotes, Aligator
weed

pH

7.5

Temperature

25°C

Conductivity

396

Dissolved
oxygen

9.01 mg/L

Calcium
Hardness

492.33 mg/L

Future work

- ▶ Green Sunday
- ▶ Food Mile
- ▶ Textile study
- ▶ Carbon foot print
- ▶ Waste management
- ▶ Water analysis, plant study, bird study

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic look. The shapes are concentrated on the right side and bottom of the frame, leaving the left side mostly white.

Thank You