

## Water Testing Laboratory – Seed Grant to Six Schools in Bangalore Donated By Dr. Tv Ramachandra With Prize Money Of The Namma Bengalurean Award 2016.



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In an effort to kickstart this effort, recipient of the Namma Bengalurean of the Year 2016 award - Dr T.V. Ramachandra utilized the Rs 2 lakh cash reward by distributing it to select six schools (who have been actively engaged in environment education) on 1st April 2017 at a workshop on the Status of Arekere Lake held at Adamya Chetana (jointly organized by Adamya Chetana, Energy & wetlands Research Group, IISc and Namma Bengaluru Foundation).

Schools where water testing labs will be setup	Seed Grant
• Vidyaniketan Public School, Ullal Uppanagar	Rs. 35000
• Vinayaka Public School, Yelahanka	Rs. 35000
• K K English High School, Varthur	Rs. 35000
• Vagdevi Vilas School, Bidadi, Ramanagara District.	Rs. 35000
• Bangalore Blaze Girls High School, Nagarbhavi	Rs. 30000
• Vidyanjali Primary & High School, 4th Cross Weavers Colony, Gottigere	Rs. 30000
• Total	Rs. 2,00,000

### Requirements for conducting water quality experiments

	Laboratory Equipments/ Requirements	Qty	Amount
1	Laboratory thermometer	1No	85
2	pH meter	1No	4300
3	EC meter	1No	4200
4	TDS meter	1No	4200
5	Sodium thiosulphate	500 gm	239

6	Manganese sulphate	500 gm	340
7	Potassium hydroxide	500 gm	408.75
8	Potassium iodide	250 gm	3770
9	Starch	500gm	534
10	Sulphuric acid	1 L	274
11	Phenolphthalein	125ml	145
12	Methyl Orange	125ml	110
13	Hydrochloric acid	500 ml	213
14	Silver nitrate	100 gm	6250
15	Potassium chromate	500 gm	960
16	Ammonium chloride	500 gm	191
17	EDTA di sodium salt	500 gm	701
18	Ammonia	500 ml	191
19	Sodium hydroxide	500 gm	152
20	Eriochrome Black T	25 gm	320
21	Murexide	5 gm	410
22	Sodium chloride	500 gm	132
23	Burette	10 ml	555
24	Burette stand with fisher clamp	1 No.	450
25	Wash bottle plastic 500 ml	1No.	60
26	Conical flask	100 ml	77
27	Beaker	100 ml	69
28	Funnel	100ml	165
29	Funnel	25 ml	72
30	Dropper	1 pkt	500
31	Plastic measuring cylinder	25 ml	136
32	BOD bottle 125 ml	1 No	420
33	Standard flask	500 ml	410
34	Glass Beaker	250ml	72
35	Glass Beaker	500ml	116

#### Address of Dealers

<p><b>Dutta Scientific Works (Madras)</b>  163/164, 6th Cross, Gandhinagar,  Opp.Dr.Rajkumar International Hotel,  Bengaluru 560 009 Karnataka INDIA.  Phone : +91 80 2226 7019  Telefax : + 91 80 2226 2590  email : duttascientific@yahoo.com;  dsw9927@gmail.com</p>	<p><b>Vasa Scientific Co,</b>  Avenue Road  Bangalore.  Tel:080-2216756/22211371  E-Mail Id: vasalab@gmail.com</p>
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### **School List:**

1. Vidyaniketan Public School, Ullal Uppanagar, Bengaluru.
2. Vinayaka Public School, Yelahanka, Bangalore.
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### **My Village Biodiversity:**

- **MY VILLAGE BIODIVERSITY: DOCUMENTATION OF WESTERN GHATS BIODIVERSITY THROUGH NETWORK OF STUDENTS AND TEACHERS [WORKBOOK 2016]**

([http://wgbis.ces.iisc.ernet.in/energy/water/paper/ETR113/000\\_SCR61\\_ETR133\\_Village-Biodiversity\\_Final-RG.pdf](http://wgbis.ces.iisc.ernet.in/energy/water/paper/ETR113/000_SCR61_ETR133_Village-Biodiversity_Final-RG.pdf))

### **Monitoring Lakes in Bangalore:**

- **ENVIRONMENT MONITORING IN THE NEIGHBOURHOOD [WORKBOOK 2014]**

(<http://wgbis.ces.iisc.ernet.in/energy/lake2014/teacher-student-corner/ETR77.pdf>)