

ANNEXURE – 1
CENTRE FOR WATER RESEARCH
Sathyabama University
NSS Volunteers involved in the project

Adopt a Lake - Renewable Water Source for Societal Sustenance

Sl.No	Name	Reg No.	Year/ Branch
1	Ram Prasad. M	3320273	2014-17/Civil
2	P. Richard Felix	3320279	2014-17/Civil
3	T.Sakthi Prakash	3320294	2014-17/Civil
4	C.Ramachandran	3320268	2014-17/Civil
5	R.P.Shivakumar	3320311	2014-17/Civil
6	S.Sibi	3320314	2014-17/Civil
7	P.Gowtham	3320244	2014-17/Civil
8	Y.Prashanth	3320250	2014-17/Civil
9	K.Krishnakumar	3320188	2014-17/Civil
10	K. Sai Ganesh	332018	2014-17/Civil
11	P. Saikiran	3320241	2014-17/Civil
12	B.Prithiv Krishna	3420219	2015-18/Civil
13	R.Rajesh	3420230	2015-18/Civil
14	R.Rahul Vijay Bennet	3420229	2015-18/Civil
15	G.Pradeep	3420214	2015-18/Civil
17	A.Mohamed Aslam	3319067	2015-18/Chem
18	Azadh moosa	3319018	2015-18/Chem
19	S. Vikram	3319112	2015-18/Chem
20	Khizer Ahmed. M	3319059	2015-18/Chem
21	Abishek A	3319004	2015-18/Chem

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Research Advisory committee meeting

Venue: Centre for Water Research

Date:03-08-2015

Subject: Finalizing the items of field work for groups of NSS volunteers involved in the research project titled “**Adopt a lake-** Renewable Water Source for Societal Sustenance”

Prof. K. Venugopal, Principal Investigator of the project “**Adopt a lake-** Renewable Water Source for Societal Sustenance” presented the research proposal and the important field assignments planned. The content of the field work was discussed in detail and the tentative tasks for each group to be carried out under the following heads are identified as given below.

Group I –Watershed Group (3rd yr Civil)

1. Mark the stream channel feeding the lake
2. Delineation of watershed boundary
3. Collection of catchment area details such as water bodies, dumping sites, industries etc,
4. Checking watershed boundary with GPS or watershed features
5. Use of toposheet, satellite imagery, google Earth map etc for verification of features
6. Questionnaire survey for stake holders on water stagnation
7. Rainfall measurement
8. Preparation of maps using GIS
9. Spot level survey – familiarizing

Group II – Lake Group (2nd yr Civil)

1. Collection of lake particulars such as bund features, sluices, surplus arrangements, Water spread area and plotting with scale
2. Water level measurement of lake using staff gauge
3. Rainfall measurement
4. Preparation of maps using GIS
5. Spot level survey – familiarizing
6. Water available in the lake

Group III – Ayacut Group (3rd yr Civil)

1. Collection of ayacut details – land use, area under various crops, cropping season
Details of sluice opening/ water release from the tank for irrigation
2. Computation of crop water requirement, irrigation demand
3. Marking irrigation channels, cropping areas, wells etc in the map
4. Details of drainage from the field
5. Questionnaire survey for farmers, water stagnation areas etc
6. Rainfall measurement
7. Preparation of maps using GIS
8. Spot level survey – familiarizing

Group IV – Water Quality Group (3rd yr Chemical)

1. Enumeration of wells, industry, dumping sites in the watershed and ayacut
2. Collection of groundwater particulars – water level, water quality, soil, lithology, infiltration capacity etc
3. Chances of contamination of lake water from the watershed – agriculture land, domestic wastes/solid wastes dumping, industrial effluents, accidental spills of chemical
4. Identification of water stagnation areas
5. Questionnaire survey for farmers
6. Rainfall measurement
7. Preparation of maps using GIS
8. Spot level survey – familiarizing

1. Prof. K. Venugopal, Chairperson - Principal Investigator & Chief Scientist
2. Mr. K. Santhanam, Scientist
3. Dr. Marykutty Abraham, Scientist
4. Dr. R. Kannan, Scientist