

## Green Audit Report

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To,  
The Principal,  
BLDE Association's  
Basaveshwara Arts and Commerce College,  
Basavan Bagewadi – 586203.

Sir,  
Sub: Green Audit – regarding

Ref: Your letter No.240/2017-18 dated 20-11-2018.

With reference to your letter referred above, I visited your campus on 28<sup>th</sup> November 2018. I have taken a round of your campus along with your faculty members Dr. Y Tammanna and Prof. B S Belagali and following are some of the observations and recommendations.

- The suppressed trees due to shade should be removed and for all the trees 'C' shaped water harvesting structures be made.
- All along the ground border, one row of **Anjan** tree (*Hardwickia binata*) planted at a spacing of five meters and in between two trees, **Aloevera** planted.
- In the plantations of northern side unwanted plants and grass should be completely removed and enrichment planting may be taken with **Honge** (*Pongemia pinnata*) and **Hunase** (*Tamarindus indica*) needs to be taken.
- The under storey in the plantations has to be covered with **Styloxanthes Hamata** (Legume) and **Cinchrus ciliaris** (Grass).
- All the grown trees should be pruned by fixing a crown ratio of 0.4 by removing the lower branches.
- The dry bio-mass available on the campus can be used for mulching the young trees.
- The solid waste available can be dumped in appropriate size pits and for efficient formation of compost cultures of beneficial bacteria used.

Contd...

- The solar energy harvesting units should be increased to bring self sufficiency.
- The roof water harvesting technique can be adopted to all the buildings if the institution.

The water so harvested can be used for recharging of existing bore-wells.

- The green cover on the campus with 1234 trees (Refer Annexure for list of trees) has given a green outlook to the campus. It is advised to maintain the green landscape by adopting the recommendations suggested above.

Basavan Bagewadi

28<sup>th</sup> November 2018



Dr. S. B. DEVARANAVADI.

M.F. (U.S.A.), Ph.D.

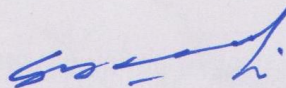
Professor of Forestry Rtd. Dean (Agri)  
College of Agriculture, VIJAYAPUR.

(Annexure)

**The list of different trees grown on the campus.**

S. No	Name of trees	No. of Trees	S. No	Name of trees	No. of Trees
01	Neem trees ( <i>Azadiracta indica</i> )	226	15	Sandal trees ( <i>Sanatalum album</i> )	71
02	Teak trees ( <i>Tectona grandis</i> )	131	16	Nelli trees ( <i>Phyllanthus emblica Lin</i> )	03
03	Almond trees ( <i>Prunus amygdatus</i> )	20	17	Cotton trees ( <i>Gossypium annularum</i> )	06
04	Subabul trees ( <i>Leucacina leucocephala</i> )	10	18	Banni trees ( <i>Acacia ferrugenea</i> )	51
05	Gulmour trees ( <i>Delonix regia</i> )	51	19	Jujube trees ( <i>Ziziphus jujube</i> )	60
06	Ashok trees ( <i>Poliathia pendula</i> )	34	20	Jali trees ( <i>Acacia nilotica wild</i> )	20
07	Fire lilly ( <i>Gloriosa superb</i> )	20	21	Neelagiri trees ( <i>Eucalyptus hybrid</i> )	07
08	Bengal trees ( <i>Thespisia populnea</i> )	21	22	Banian trees ( <i>Ficus bengaliensis</i> )	25
09	Sirasala trees ( <i>Albizia lebbeck</i> )	55	23	Honge trees ( <i>Pongamia pinnata</i> )	195
10	Chideda trees ( <i>Barbara mueller</i> )	40	24	Ingala trees ( <i>Balamite egyptica</i> )	51
11	Ficus tree ( <i>Ficus recamosa</i> )	30	25	Mango tree ( <i>Mangifera indica</i> )	01
12	Tamarind trees ( <i>Tamarindus indica</i> )	70	26	Bamboo ( <i>Dendoro-calamus strictus</i> )	05
13	Coconut trees ( <i>Cocus nucifera</i> )	02	27	Peepul trees ( <i>Ficus religiosa Lin</i> )	07
14	Guava tree ( <i>Psidium guyava Lin</i> )	04	28	Basavan pad trees ( <i>Bahunea purpurea</i> )	18
<b>Total</b>					<b>1234</b>

Basavan Bagewadi  
28<sup>th</sup> November 2018

  
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