

# Km. Mayawati Govt. Girls P.G. College

Badlapur, G.B. Nagar

[www.kmgcbadapur.org](http://www.kmgcbadapur.org)



## Green Audit Report

2017-18



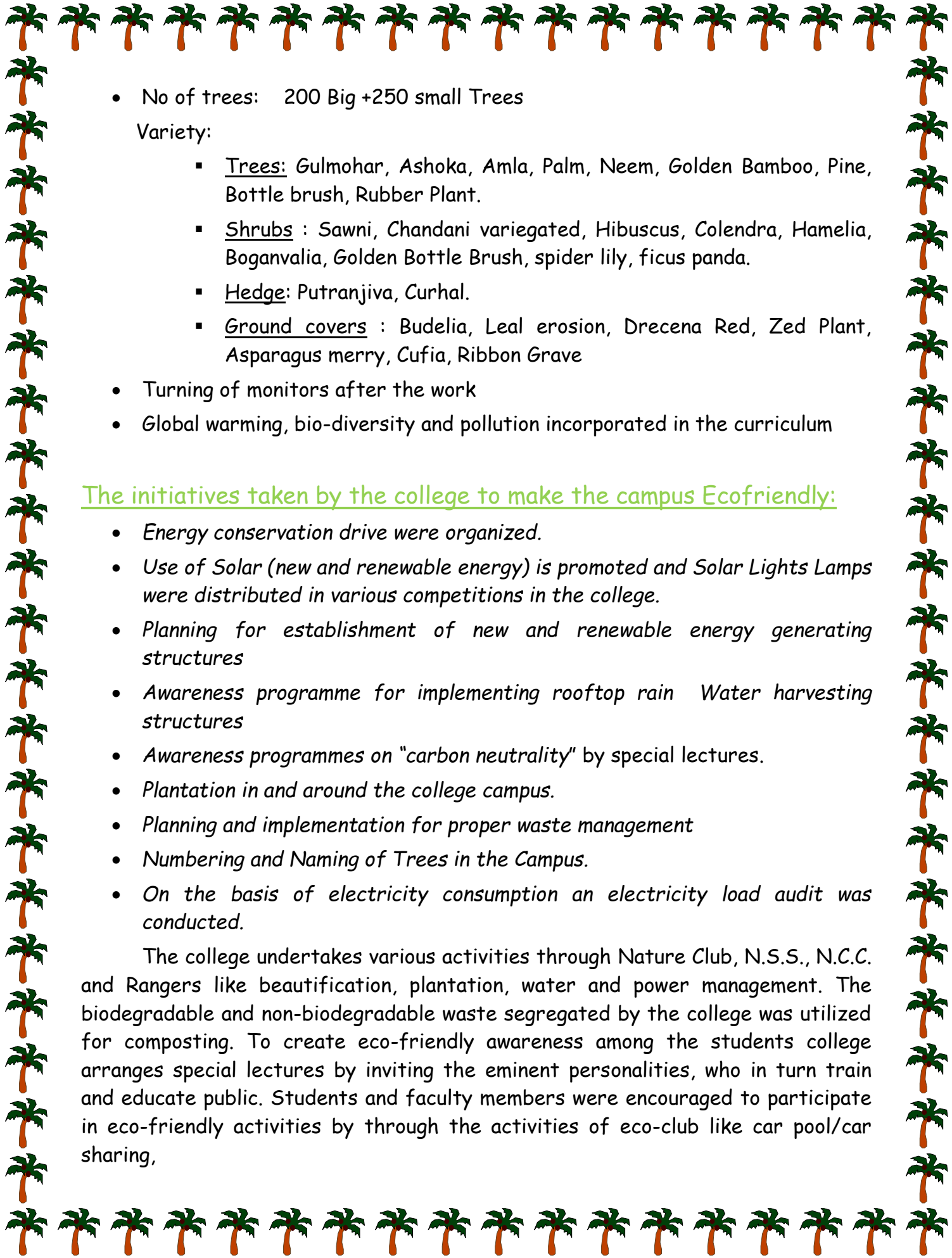
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## GREEN AUDIT REPORT

2017-2018

KMGPG College expresses its commitment to sustainability in many ways. It has taken a number of positive steps to reduce its environmental impact. But many areas remain in which substantial improvements can be made. This report serves to highlight college's many accomplishments, and to make recommendations for improving the College's environmental sustainability. The Green audit team conducted the internal Green Audit in academic year 2017-18 and strives to maintain eco friendly atmosphere on the campus. To maintain eco-friendly ambience given programme is followed -

- Green campus for quality living. The college has a canopy of 200 big and around 250 small trees and various plants that make the environment carbon dioxide free and to maintain health of all the inmates. The garden has Gulmohar, Ashoka, Amla, Palm, Neem, Golden Bamboo, Pine, Bottle brush, Rubber Plant and other trees, which provide shade and a beautiful ambience.
- Energy is also conserved by using natural light in the classrooms.
- Know green and think green is promoted on the campus.
- Water conservation is done through Rooftop Rainwater Harvesting Structures and prevention of water wastage is educated among the staff and students.
- Usage of recycled paper bags was promoted among students by Awareness rally's and displaying boards like 'Say No to Plastic'
- Reduce - Reuse - Recycle methods are followed.
- Carbon dioxide neutrality is maintained on the campus by developing greenery

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- No of trees: 200 Big +250 small Trees

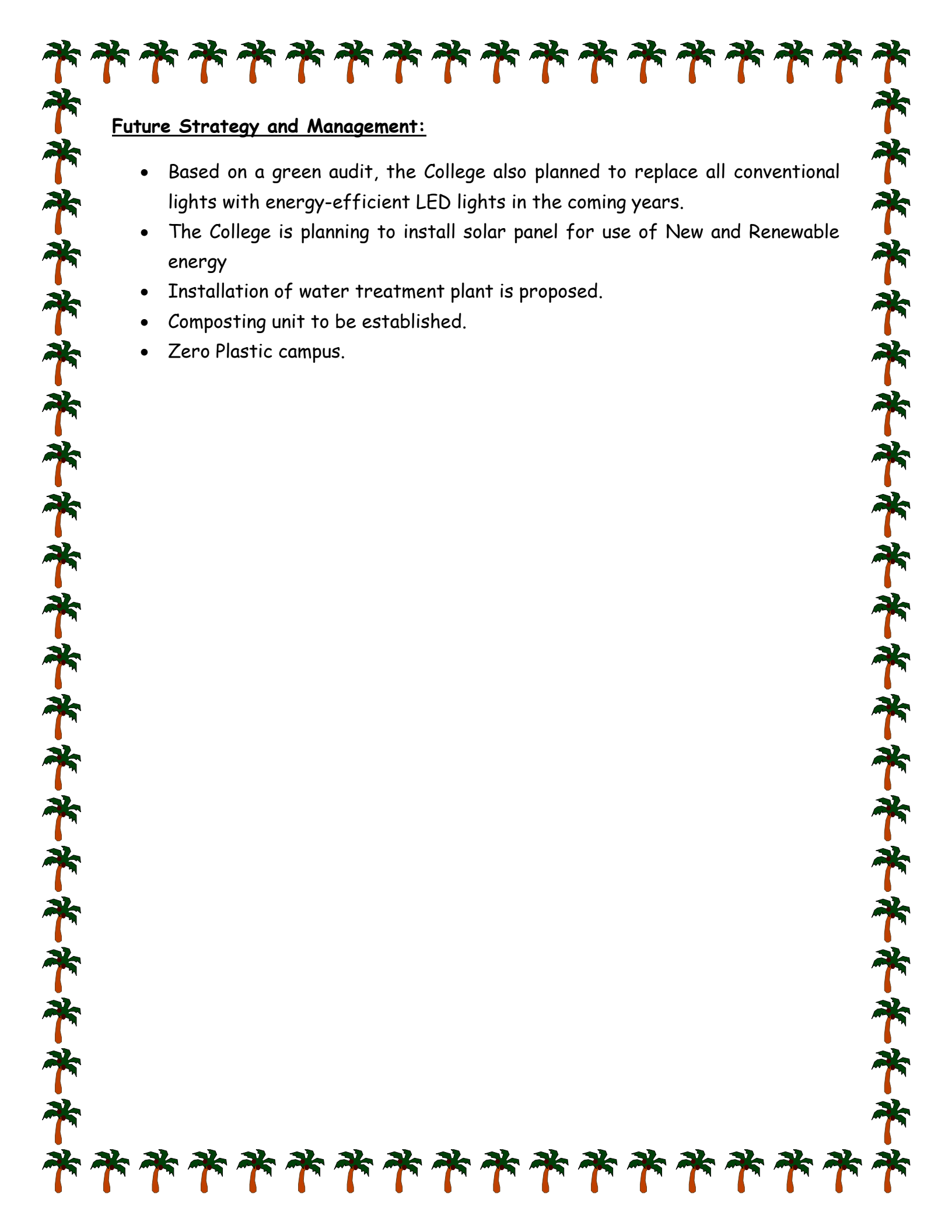
Variety:

- Trees: Gulmohar, Ashoka, Amla, Palm, Neem, Golden Bamboo, Pine, Bottle brush, Rubber Plant.
  - Shrubs : Sawni, Chandani variegated, Hibiscus, Colendra, Hamelia, Boganvalia, Golden Bottle Brush, spider lily, ficus panda.
  - Hedge: Putranjiva, Curhal.
  - Ground covers : Budelia, Leal erosion, Drecena Red, Zed Plant, Asparagus merry, Cufia, Ribbon Grave
- Turning of monitors after the work
  - Global warming, bio-diversity and pollution incorporated in the curriculum

### The initiatives taken by the college to make the campus Ecofriendly:

- *Energy conservation drive were organized.*
- *Use of Solar (new and renewable energy) is promoted and Solar Lights Lamps were distributed in various competitions in the college.*
- *Planning for establishment of new and renewable energy generating structures*
- *Awareness programme for implementing rooftop rain Water harvesting structures*
- *Awareness programmes on "carbon neutrality" by special lectures.*
- *Plantation in and around the college campus.*
- *Planning and implementation for proper waste management*
- *Numbering and Naming of Trees in the Campus.*
- *On the basis of electricity consumption an electricity load audit was conducted.*

The college undertakes various activities through Nature Club, N.S.S., N.C.C. and Rangers like beautification, plantation, water and power management. The biodegradable and non-biodegradable waste segregated by the college was utilized for composting. To create eco-friendly awareness among the students college arranges special lectures by inviting the eminent personalities, who in turn train and educate public. Students and faculty members were encouraged to participate in eco-friendly activities by through the activities of eco-club like car pool/car sharing,

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### Future Strategy and Management:

- Based on a green audit, the College also planned to replace all conventional lights with energy-efficient LED lights in the coming years.
- The College is planning to install solar panel for use of New and Renewable energy
- Installation of water treatment plant is proposed.
- Composting unit to be established.
- Zero Plastic campus.