University of Kelaniya, Sri Lanka

Manual of Procedures

LANDSCAPING DIVISION

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2. Introduction

Activities of the Landscaping Division can be classified under daily routing activities and specified activities.

Daily Routine activities are as follows:

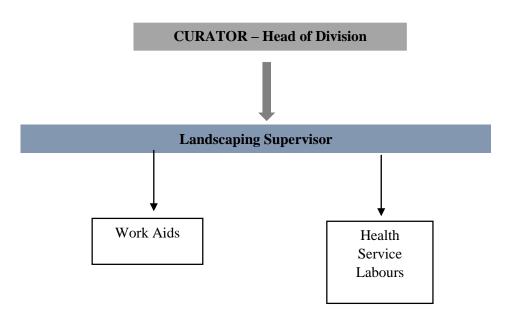
- Watering
- Collecting of debris
- Pruning of plants
- Under brushing perennial trees
- Grass slashing
- Thinning out of plants
- Waste management
- Maintaining indoor landscapes
- Nursery management
- Lawn Management
- Record / book keeping of landscape equipment
- Landscape equipment maintenance

Specified activities are as follows:

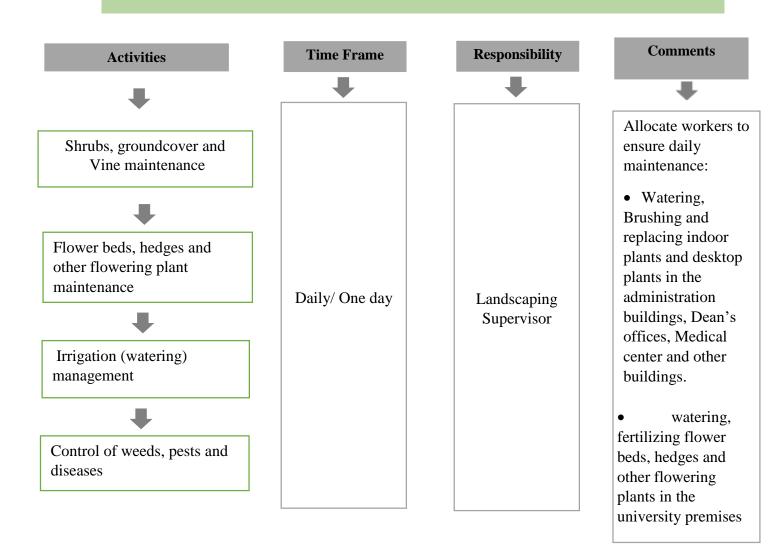
- Engagement with go green programme and waste recycling projects
- Playground maintenance
- Nursery management
- Tree maintenance
- Maintenance of Fruit trees and seasonal flowering plants
- Compost preparing
- Landscaping
- Maintenance of soft landscape and hard landscape maintenance (Indoor/Outdoor)
- Creating suitable landscape design and implementation
 - o Flower beds
 - Flower hedges
 - o Foliage

- Maintenance of landscape equipment
 - o Brush cutters
 - o Lawn movers
 - o Sealers

2 Organizational structure of the landscaping division



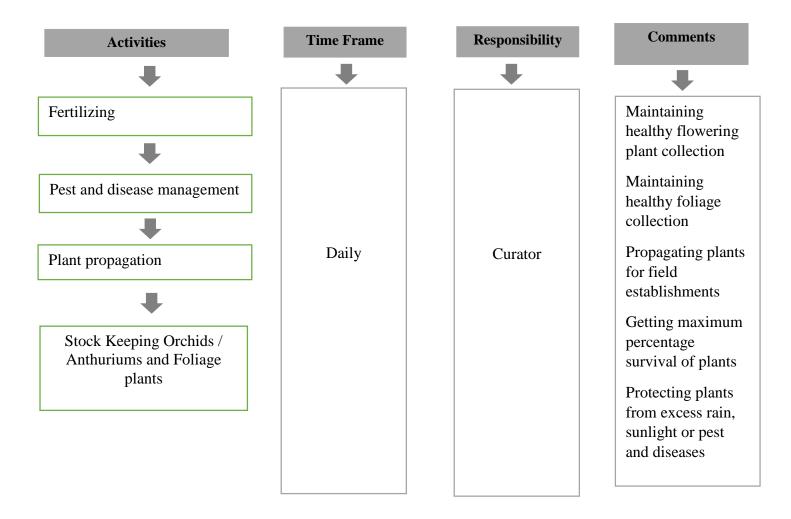
3. Daily Landscape Management



4. Soft & Hard Landscape Maintenance

Comments Responsibility Time Frame Activities Request letters from relevant Registrar Deans/Heads of Allocating Work Aides Departments/Divisions for placing indoor Curator plants for necessary Depends on the Soft and hard landscaping occasions and occasion / functions Landscaping Necessity Soft and hard Supervisor landscaping in new and Necessary indoor decorations existing building sites. 1 - 2 Days or Stock keeping soft 1-2 weeks landscaping plants Implementation new landscaping designs

5. Nursery Management

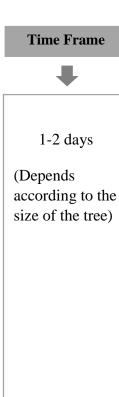


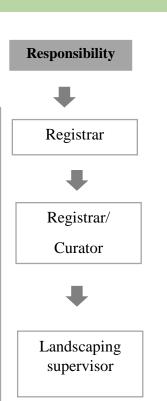
6. Perennials Management

Activities Receiving information from relevant Deans/Heads of Departments/Divisions, staff and students Identifying trees Identifying the with risk trees with timber value Removing Through divisional dangerous secretariat large trees Mahara and Timber Cooperation – Pruning large Kadawata trees (Further information given in Section 07)

Performing

tree surgeries







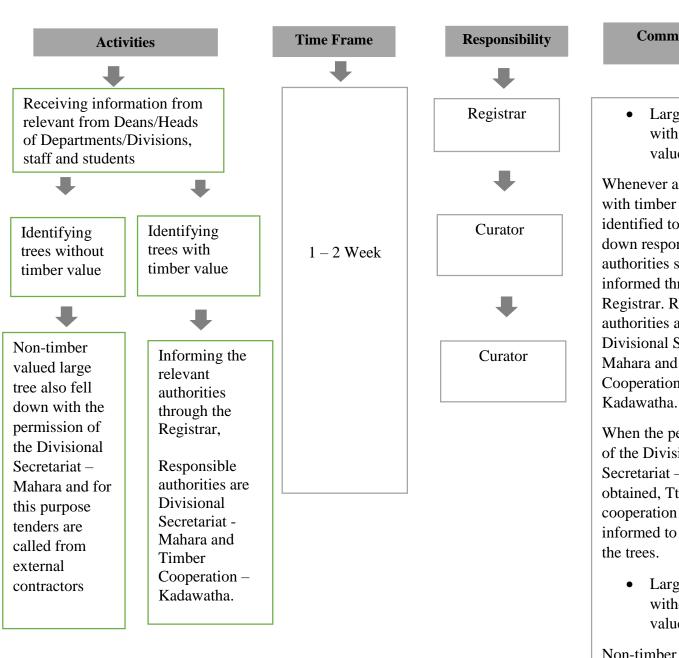
According to need assessments, identifying the large trees which should be cut down.

Cutting down
Large trees only
for essential
constructions or if
the tree is decayed
or too risky to the
surrounding.

Obtaining permission from the Divisional Secretariat (Mahara) for felling.

Removing only the dangerous, decayed or dead branches by the landscaping division.

7. Tree Cutting / Felling down trees



Comments

Large trees with timber value -

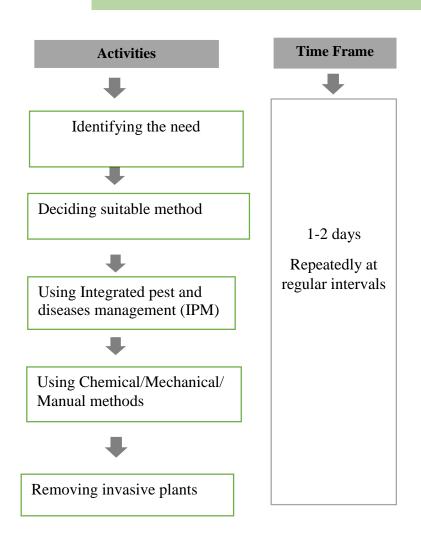
Whenever a large tree with timber value is identified to be fell down responsible authorities should be informed through the Registrar. Responsible authorities are Divisional Secretariat -Mahara and Timber Cooperation –

When the permission of the Divisional Secretariat – Mahara is obtained, Ttimber cooperation should be informed to fell down

> Large trees without timber value -

Non-timber valued large tree also should be fell down with the permission of the **Divisional Secretariat** Mahara and for this purpose tenders are called from external contractors

8. Pests, Diseases and Weed Management









• Integrated pest and diseases management (IPM) –

Using IPM methods to control pest and diseases as well as weeds.

At the beginning, using physical or mechanical methods.

Removing, burning, pulling out weeds by hand or mechanically, in affected areas,

Slashing and destroying affected plants

Removing invasive plants –

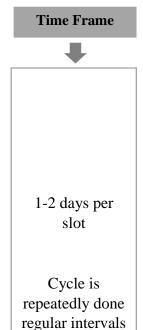
Removing invasive plants from the university premises once or twice a year.

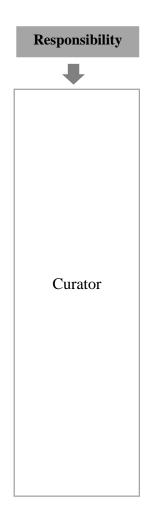
Ex: Pilila
(Dendrophthoe
falcata), Ipil Ipil
(Leucaena
leucocephala),
Gandapana (Lantana
camera)

9. Lawn Maintenance

Activities Identifying lawn maintenance Requirement Lawn thinning Repeatedly doing under

regular intervals



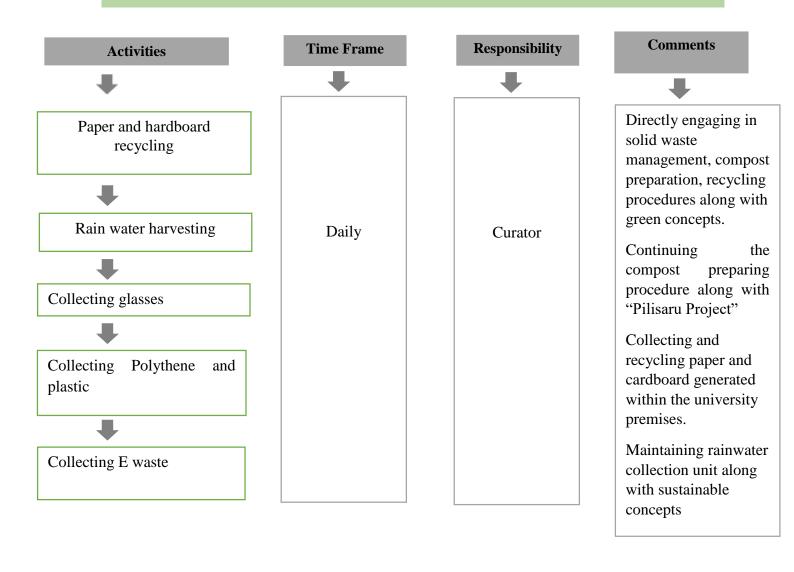


Comments

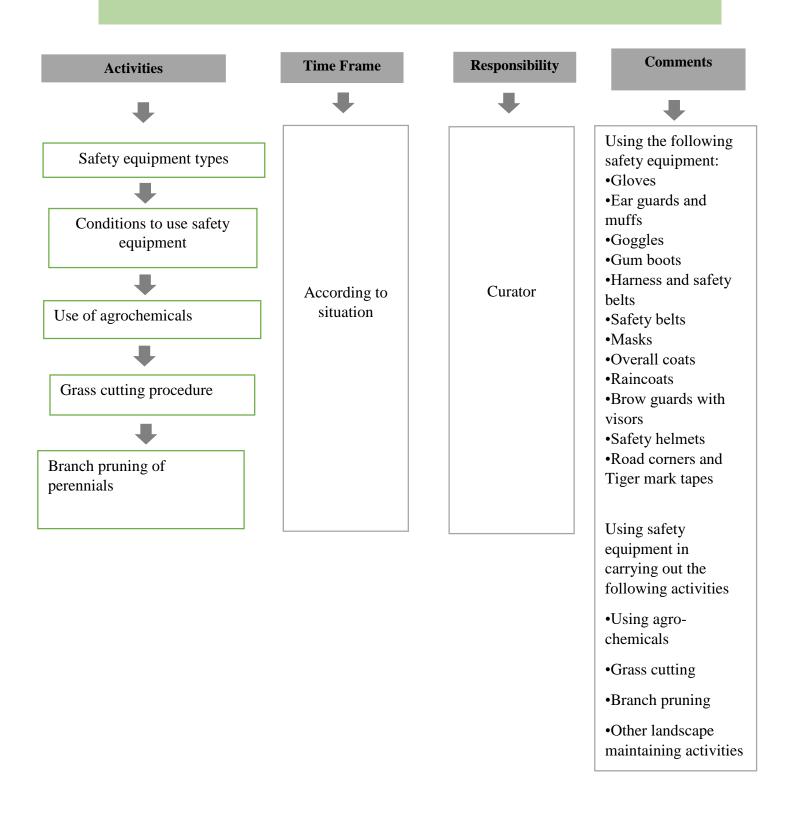


- •Maintaining the lawn height generally at 5-7 cm, as very close mowing results in weak growth and mowing at more height may not serve the purpose.
- •In one mowing, removing not more than 1/3rd of leaves.
- Removing stones or pebbles before mowing, to avoid any damage to shears of lawn mower.
- •Ensuring that workers use necessary safety equipment, maintain safety distance (5m) between 2 workers while grass cutting.
- Taking care not to damage parked vehicles and building

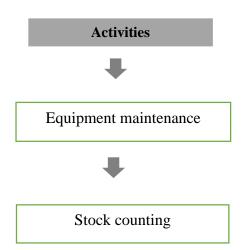
10. Waste management Strategy



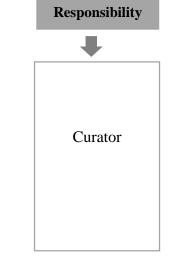
11. Labour Management & Safety



12. Equipment Storage and Maintenance







Comments



• Storage keeping book

Advising office assistant to maintain a record book with a note and signature, whenever workers take and return equipment.

• Equipment maintenance

Ensuring that the equipment are cleaned when those are returned by the Work Aides.

Ensuring regular maintenance such as sharpening, greasing, oiling and repairing of equipment.

Ensuring that the machines (grass cutters, bush cutters, chain saws etc.) are serviced as per the manuals.

• Stock staking –

Stock taking is done along with inventory control.

13. Training programmes

Activities Providing Research facilities

Collaborating with Environmental societies

Time Frame



Responsibility



Registrar

Comments



• Training programmes –

Providing 6 months training in floriculture and landscaping for students/ volunteers/ communities and others.

Ex: VTA / NAITA / University undergraduates etc.

Research facilities –

Providing research facilities for students on compost preparation / Horticulture/ Floriculture/ Plant propagation.

• Environmental societies -

Collaborating with student environmental societies, Go green programme, plant distributing campaigns, conservation and sustainable development programmes.

14. Assistance to activities of the Centre for Sustainability Solution (CSS)

Activities	Time Frame	Responsibility	Comments
•	•	•	•
Conducting training / awareness programmes Attending meeting of CSS Organizing students, Students societies and university staff to develop an environmental friendly culture within the university. Guiding the activities of the university to achieve the major goals of sustainable development Organizing and conducting Social Responsibility programmes.	Depends Accordingly	Curator	 Identifying environmental policy of the University Conducting training /awareness programmes Guiding the activities for sustainable development.

15. Review

Reviewer – Prof. U. Gurusinghe

- Create a new survey plan for whole university area including landscaping implements, building areas etc.
- Create a master plan for building and construction of the university and follow that plan because landscaping processes are sometimes interrupted due to constructions.
- Following reasons have led an ailment for landscaping and outlook to university.

Ex:

- Improper constructions / building areas
- Expurgated things at construction sites (contractors should be advised to immediately remove these things after the construction project is over.)
- Improper arrangements around works department damages the outlook of the university. Whole area should undergo with a modernization.
- Improper arrangements around ground 2 and pavilion. Should touch with some landscaping implementations and area should arrange nicely.
- Filter from waste water treatment plant can be used with compost preparation.
- Drainage system should be cleared and well cleaned, damaged roads should be repaired because these things add deprivation to aesthetic value of university premises.
- Other than that waste management strategy / recycling / landscaping management and other practices are doing in excellent manner. University has a neat and tidy aesthetic value from the entrance to back areas.

Acknowledgement

This document was compiled by

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- Landscaping supervisors –

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