

St. Ann's College for Women, Malkapuram, Visakhapatnam

Greens Audit Report

A clean and healthy environment leads to the effective learning and provides a conductive learning environment. There are so many efforts around the world regarding the environmental issues. Green audit is the most efficient tool of management system used methodologically for protection and conservation of the environment. It is also used for the sustenance of environment.

The term green indicates the eco-friendly nature without causing any damage to the environment. So green auditing can be defined as systematic identification, quantification, recording, reporting and analysis of components of ecological activity and expressing the same in financial and social terms.

Benefits of green auditing:

1. Efficient resource management
2. To create green campus
3. Cost saving methods
4. Reduction of waste generation
5. Water recycling
6. Plastic free campus
7. Health conscious environment
8. Imparting environmental education through systematic environmental management
9. Financial savings through reduction in resource use
10. To increase the awareness of social responsibility
11. Developing an environmental ethical value system in students
12. Enhancement of college motive

Vision and Mission:

By the proper use of resources available in the campus, following the methods of conservation, reducing the generation of waste and its reuse, college can be maintained plastic free, clean and green. By adopting 3 R's – Regeneration, Recycle and Reuse, we can enhance the college profile within a short period and maintain and sustain the environment forever.

St. Ann's college for women is located in Malkapuram area, Visakhapatnam, A.P, India. Total area of college campus is 5 acres of which 50% is covered by greenery. There is a provision of green audit committee in the college campus. A committee has been formed to monitor the proper conservation and use of natural resources in the campus.

Following the suggestions of IQAC Botany department has taken the responsibility to do green audit with the cooperation of principal and green audit committee. A report on green audit has been prepared by the department of Botany, St. Ann's college for women, Malkapuram, Visakhapatnam.

The college was established in 1976. Total area of college campus is 5 acres of which 50% is covered by plants of different types – Herbs, Shrubs, trees of different economic values such as medicinal, food and ornamental. The plants were systematically identified by the department of Botany.

The green audit report has been discussed with the green audit committee. The main aim is to increase the greenery in the campus. Extra efforts have been taken by the college to create environment consciousness amongst the students. The important step in this regard is extensive plantation program was conducted by the NSS , NCC, green audit committee and students of Botany department. Extension program was conducted to create environment awareness and conservation of Biodiversity among the students and public.

Pre-Audit Stage:

A pre-audit meeting was conducted to determine the scope and objectives of the green audit. It was held at St. Ann's college for women, Malkapuram, Visakhapatnam. It was decided to gather the information according to the protocol and plan of green audit procedure. Audit team was selected and actual plan of procedure was laid down.

Scope and goals of green auditing:

1. To create green and healthy study environment for the students, it is necessary to conduct green audit in the college so that the students became aware of the advantages of saving the planet and they become good citizens of our country.
2. The plan is very user friendly and totally voluntary.
3. The aim of the program is to set the environmental example for the community and to educate the young learners.
4. Improving energy efficiency and savings
5. Implementation of effective water conservative measures
6. Waste management strategies to reduce the waste generation
7. Enhancing biodiversity in the campus
8. Reducing carbon foot print.
9. Finally achieving clean and green campus

Target areas of green auditing:

The green audit is a part of resource management process. Eco campus concept mainly focused on the efficient use of energy and water, minimize waste generation and pollution increasing greenery and also economic efficiency.

1. Auditing for water management

Water is a natural resource of all living organisms depend on water while barely available in many natural environments but the water usage by human beings is increasing day by day as the population is increasing. Aquifer depletion and water contamination is taking place at unprecedented rates. So it is essential that any environmentally responsible institution should examine its water use practices.

2. Auditing for energy management

Energy use is clearly important aspect of campus sustainability. So it is essential that any environmentally responsible institution examine its energy use practices.

3. Auditing for waste management

Pollution from waste can cause health problems. Plastic bags, discarded ropes , strings , paper , tins, garbage , glass bottles etc are hazardous to the health of not only human beings but also other flora and fauna of the campus. So solid waste can be recycled, repaired and reused. Thus the minimization of solid waste is essential to a sustainable college.

4. Auditing for green campus management

Now a days biodiversity is facing serious threats from the loss of habitats, pollution and over consumption. Species are disappearing at an alarming rate. This leads to disturbance of ecological balance or homeostasis. So ecological systems and functions will break down.

Trees play an important role ecological role within the urban environment by absorbing great amounts of CO₂ and releasing oxygen for people. So educational institute has to give importance for greenery as it clears the environment, maintains health, reduces stress and shows impact on mental and physical health.

5. Auditing for Carbon foot print

Emission of greenhouse gases into the environment by people has great impact on environment gap. Greenhouse gases are water vapor, CO₂, methane, nitrous oxide and ozone. Of all these, CO₂ is the most important one as it comprises of 402 ppm of the earth atmosphere. So any environmentally responsible institution should examine the carbon foot print and take action.

Methodology of green auditing

The process of auditing has a special purpose. It has to ensure that the practices followed in the campus are in accordance with the green policy adopted by the institution. The methodology involves 3 steps

1. **Data Collection:** The data is collected as the first step by using different tools such as observation, survey, communicating with others and measurement.
 - Team went to each department, library, canteen etc
 - Data is collected by observation and interview
 - The power consumption of appliances was recorded by taking average value in some cases
2. **Data Analysis:** Calculation of energy consumption , analysis of the electricity bill of the campus , tariff plan adapted by the AP Govt electricity board, data related to water usage, vegetation analysis, biodiversity etc.
3. **Recommendations:** On the basis of data analysis and observations, some steps for reducing power and water consumption, proper treatment for waste, increasing greenery in the campus , reducing the use of fossil fuel etc are suggested
4. **Audit Stage:** At St. Ann's college of women, auditing was done with the help of management , teaching and non-teaching staff and student groups.
5. **Staff and students involved in green auditing:**
 - Chairperson: Dr. Sister Prema Kumari , Principal
 - General Coordinator: Dr. G. AdiSeshu, Asst. Prof. – Botany
 - Faculty incharges

- i. Triveni – Asst. Prof in Physics
- ii. Lakshmi Tulasi – Asst. Prof in Zoology
- iii. Valisha – Asst. Prof in Chemistry
- iv. Anjali - Asst. Prof in Chemistry
- v. Bindu Srilakshmi - Asst. Prof in Zoology
- vi. Sudha - Asst. Prof in Botany
- Technical incharge : Miss Kirthi Lewis
- Non teching staff
 - i. Rajeswari
 - ii. Suryanarayana
- Students
 - i. G. Divya Sundari III B.Sc.
 - ii. Ushasri III B.Sc.
 - iii. Anjali III B.Sc.
 - iv. Raji Lavanya III B.Sc.
 - v. Wazida III B.Sc.
 - vi. Sastha III B.Sc.
 - vii. Pushpa Latha III B.Sc.
 - viii. Naga Mani III B.Sc.
 - ix. Rama III B.Sc.
 - x. Diskshitha II B.Sc.
 - xi. Madhavi II B.Sc.
 - xii. Bharathi II B.Sc.
 - xiii. Soumya I B.Sc.
 - xiv. Kavya Ganga I B.Sc.
- Clubs involved
 - i. Science club
 - ii. Botany club
 - iii. NSS Units
 - iv. NCC Units
 - v. Eco club
 - vi. Dept Level associations

6. General Steps:

- Systematic and comprehensive data collection
- Documentation with physical evidences
- Independent evaluation with regulatory requirements and appropriate standards
- Systematic and comprehensive improvement and management of existing system

7. Process of Audit:

- The site of area that is to be audited was selected college
- Dates of audit were determined
- The audit scope was identified
- The audit plan was diagnosed
- Responsibilities of green audit committee were assigned
- Background information of the site , location, soil and ground water was collected

- The pre-audit questionnaire was informed to auditee

8. Onsite Audit activities

The onsite audit includes

- Opening meeting is the first step between green audit team and department of Botany. In this meeting purpose of procedure and time schedule were discussed
- Site inspection was the second step for onsite activity
- Data and information are collected according to the audit protocol
- Some meetings were conducted when there was a necessity while conducting the survey and observation

9. Procedure followed

The students and staff were divided into groups under the guidance of the teaching staff in charge. Each group collected data on assigned topics:

- Analysis of the air quality and bio diversity i.e., Identification of plant species and count - Green campus management
- Analysis of water quality and usage – Water management
- Analysis of energy consumption and cost – Energy management
- Analysis of water generation and disposal – Waste management
- Gathering audit evidence i.e., collecting data and information using audit protocol
- Communicated with the staff of audit to obtain most information
- Evaluated the audit evidence against the objectives established for the audit
- Meeting to explain audit findings

Report:

1. Analysis of air quality and bio diversity

Basing on the data collected by the identification of plant species and biodiversity in the college campus, there are 349 species of plants in the college campus. Total plants are 12435 in number, out of which 325 are trees, 1091 are shrubs, 10246 are herbs and 773 are climbers. These plants in our college contribute to the oxygen supply that we utilize. Being situated in the urban area that too industrial area, our college is exposed to various atmosphere pollutants from vehicles and also by external means like NTPC, coromandel port etc.

Based on our collected data, the different sources of carbon dioxide emission in our college are

- a. Vehicles
- b. Refrigerators
- c. Air conditioners
- d. RO water plant
- e. Burning

- **Vehicles** – Vehicles on the days of data collection were 5 cars and 20 scooters and 10 bikes in our campus. These vehicles may contribute to high carbon dioxide emission. The students, teaching and non-teaching staff and the visitors also contribute to CO2 emission.
- There are 6 refrigerators and 3 air conditioners and 2 water coolers in our campus

- The vermi compost unit is also established by the department of Zoology and Botany. All the fallen leaves, food wastes, kitchen wastes from garden, hostel and canteen are used for this purpose.
- Plastic wastes, covers, plastic bottles are collected by the students and stored in the waste pits for the purpose of recycling papers, food wrappers are collected from all classes will be burnt near the compound wall of the entrance gate.

2. Analysis of water quality and usage

The college campus has many water outlets. We have counted the total number of taps and rain water harvesting pits. In total there are ***** taps and 2 coolers and one rain water harvesting pit worth ***** litres and one RO water plant

3. Analysis of energy consumption and costs

The college is well equipped with electricity supply. Each department possess fans, plug points, tube lights, bulbs, computers, printers etc. As part of green campus initiation, we shifted from conventional energy to renewable energy. To reduce electricity bill and increase the renewable energy installed a solar grid which is useful for our campus and electricity bill is reduced. In addition to this equipment our college also have

- a. Laminar air flow
- b. Hot plates
- c. Exhaust fans
- d. Incubator
- e. Wall fans
- f. Hot air ovens
- g. Photo electric calorimeter
- h. LCD projector
- i. Telephones
- j. Hand mikes
- k. Calorimeters
- l. Inverters
- m. Projectors
- n. Speakers
- o. CC Cameras
- p. Biometric machine
- q. Centrifuger
- r. Cooling fans
- s. Auto claves

4. Analysis of Waste generation and disposal

Waste cannot be avoided in any environment. That can be separated as bio degradable non bio degradable. Biodegradable wastes like food wastes, plant products etc can be easily decomposed by the

bacteria in the soil. But non bio-degradable waste cannot be degraded and remains as it is for many years.

Canteen: The food waste from the canteen is collected and used in vermin compost pit. Plastic waste is collected and disposed.

Hostel: Food waste is used for vermin compost preparation

Office: Paper waste is collected and reused

Library: Paper waste is collected, reused and sold

Store: Not much waste is produced. Paper and plastic covers are burnt.

Garden: Plastic and paper waste is very less. Fall leaves, branches etc. are collected and used in vermi compost pit.

Auditorium: After each program waste is collected and burnt

Washrooms: Waste is collected and burnt

Classrooms: Paper waste is collected and burnt. Plastic waste is disposed. Food waste is very less and used for compost production.

Laboratory: Broken glass items and other metal and wooden parts of the spoiled instruments are disposed after proper washing and cleaning.

College premises: Plastic waste is less but paper waste is more and collected and burnt

Observations:

1. On analyzing air quality, we could assess that there are many pollutants in our environment are mostly from vehicles. The burning of waste especially causes emission of poisonous gases in the atmosphere. The emissions from the industries around our college campus are contributing much. But many plants are there in our college campus. They purify the polluted air supply enough oxygen for the healthy atmosphere.
2. There are sufficient water outlets for all the departments, wash rooms, labs etc. But it requires checking whether all are in working condition or not. They need frequent checking and repairs to prevent leakage and waste of water.
3. Energy consumption is very important to take care of solar system which is already there but it is better to establish another one also care should be taken towards the prevention of wastage of power and unnecessary use.
4. Waste generated is also a problem. Cleaning and collecting of waste and burning is also a problem
5. Animal waste is also properly used as manure and is used in compost preparation

Routine green practices:

1. World environment day – June 5th
Awareness seminars are organized on various environmental problems. Planting the saplings and conducting various competitions etc. are activities
2. Ozone day – Sept 16th
3. World water day – March 22nd
4. World ocean day – June 8th
5. World food day
6. Green campus drive is an initiative to protect the college environment
7. College is declared as no plastic zone
8. College protects old age trees and more number of new trees are planted
9. Biodegradable waste is collected and made into compost. Non bio-degradable and electronic waste are regularly disposed
10. The campus is lush green with gardens , lawns, flowers and plants wherever there is open space
11. Rain water is harvested and collected. Science club and eco clubs are active in college.
12. Important days like world environment day, world water day, ozone day, world ocean day, Hiroshima Nagasaki day etc. etc. are observed and several programs including processing with placards, banners, competitions, plays, dramas etc. are conducted by various departments, NSS & NCC, science club, eco clean etc. to create awareness in environment protection and conservation.
13. Our college allocated weekly one period in the timetable for clean and green the campus. Every Saturday last period will be clean and green practice only.
14. Plants and saplings will be distributed to outside the college campus also
15. Not only plants, animals and birds are also maintained in the college.

Current saving methods adopted in college:

1. Turn off ethical equipment when not in use
2. Use of energy efficient light emitting diodes (LED) bulbs instead of incandescent or CFC bulbs.
3. Maintain appliances and replace old appliances
4. Use of computers and other electronic appliances in power saving mode
5. Increased production of solar energy, a type of non-conventional category of energy will be a good energy management system for college.

Eco friendly activities going on in the campus:

1. Planting and caring of trees in and around the campus
2. Timely disposal of wastes from the campus
3. Celebration of important days like world environment day, ozone day, water day etc. with great importance
4. Campus is declared as plastic free zone
5. Management has decided to adopt green protocol
6. Distribution of medicinal plant saplings among students

Consolidation of Audit findings:

The students have developed a greater appreciation and understanding of the impact of their actions on the environment. They successfully have been able to determine the impact on the environment through the various auditing exercises. Participating in this green auditing procedure, they have gained the knowledge about the need of sustainability of the college campus. It will create awareness on the use of the earth's resources in their home, college, local community and beyond.

Action Plan:

Policies referring to college management and approaches towards the use of resources need to be considered. The college should have a green policy/ environmental policy formulated by the management of the college should be implementing meticulously.

Follow up action and plans:

Green audits are exercises which generate considerable quantity of valuable management information. It is important to ensure that the findings and recommendations of the audit are considered at the correct level within the organization and the action plans and implementation programs result from the findings.

Audit follow up is part of wider process of continuous improvement. Without follow up the audit becomes an isolated even which soon becomes forgotten in the measures of organizational priorities and the passing time.

Conclusion and list of recommendations:

Green audit reports assist in the process of attaining an ecofriendly approach to the sustainable development of the college. A few recommendations are added to reduce the menace of waste management using ecofriendly and scientific techniques. This may lead to the prosperous future in context of green campus and thus sustainable environment and community development.

Common recommendations:

1. Adaptation of environmental policy for the college
2. Purchase policy for environment friendly materials
3. More seminars and group discussions on environmental educations should be conducted
4. Removal of damaged taps and install sensitive taps if possible
5. Establishment of more rain harvesting systems
6. Awareness programs on water conservation
7. Display boards should be installed to control over usage of water
8. Waste water can be recycled and used for garden and toilets

Energy:

9. Employment of more solar panels
10. Save energy awareness programs for students and staff
11. Replace computers and Tvs with Led monitors
12. Energy efficient fans should be replaced
13. Observing power saving day every year

Waste:

14. Bio gas plant should be established
15. Practice of waste segregation
16. More vermi composting plants to be set up in the college
17. Establishment of plastic free campus
18. Avoid use of paper and plastic plates and cups for all functions in the college

Green campus:

19. Create more space for planting
20. Potted plants in verandah and class rooms
21. Automatic drip irrigation system during summer holidays
22. Providing funds for internal clubs like science club, eco club etc. for making campus more green

Carbon foot print:

23. Carpooling system among the staff should be established.
24. Introduction of college bus services to the staff and students
25. Use of bicycles should be encouraged
26. More efficient cooking system in the canteen to save gas.

List of Audited Plants

| Sl.No | Botanical Names | Common Names | Family | Habit | Economic Use | Number |
|--------------|-----------------------------------|----------------------|----------------|--------------|---------------------|---------------|
| 1 | <i>Abelmoschus esculentus</i> | Bhendi | Malvaceae | Shrub | Edible | 22 |
| 2 | <i>Abutilon indicum</i> | Tuthurubenda | Malvaceae | Shrub | Medicinal | 4 |
| 3 | <i>Acacia melanoxylon</i> | Australian Blackwood | Mimosaceae | Tree | Ornamental | 2 |
| 4 | <i>Acalypha hispida</i> | Philippine Medusa | Euphorbiceae | Shrub | Ornamental | 6 |
| 5 | <i>Acalypha lanceolata</i> | Muripinda | Euphorbiaceae | Herb | Medicinal | 156 |
| 6 | <i>Acalypha indica</i> | Muripinda | Euphorbiaceae | Herb | Medicinal | 252 |
| 7 | <i>Achras sapota</i> | Sapota | Sapotaceae | Tree | Edible | 4 |
| 8 | <i>Achyranthes aspera</i> | Uttareni | Amaranthaceae | Shrub | Medicinal | 20 |
| 9 | <i>Adenium obesum</i> | Desert Rose | Apocynaceae | Shrub | Ornamental | 6 |
| 10 | <i>Aegle marmelos</i> | Maredu | Rutaceae | Tree | Medicinal | 2 |
| 11 | <i>Aerva lanata</i> | Konda Pindiaku | Amaranthaceae | Herb | Weed | 564 |
| 12 | <i>Agave americana</i> | Century Plants | Asparagaceae | Herb | Ornamental | 22 |
| 13 | <i>Ageratum conyzoides</i> | Chick Weed | Asteraceae | Shrub | Weed | 51 |
| 14 | <i>Aglaonema costatum</i> | Chinese Ever Green | Araceae | Herb | Ornamental | 4 |
| 15 | <i>Aglaonema. Modestum</i> | Chinese Ever Green | Araceae | Herb | Ornamental | 5 |
| 16 | <i>Albezzia lebbeck</i> | Turai | Mimosaceae | Tree | Ornamental | 2 |
| 17 | <i>Allamanda blancheti</i> | Mexican Sunflower | Apocynaceae | Tree | Ornamental | 4 |
| 18 | <i>Allamanda cathartica</i> | Golden Trumpet | Apocynaceae | Herb | Ornamental | 4 |
| 19 | <i>Allium cepa</i> | Onion | Liliaceae | Herb | Medicinal | 58 |
| 20 | <i>Alocasia macrorhiza</i> | Welts Hurb | Araceae | Shrub | Ornamental | 2 |
| 21 | <i>Aloe vera</i> | Kalabanda | Liliaceae | Shrub | Medicinal | 56 |
| 22 | <i>Alstonia scholaris</i> | Yedupalaku | Apocynaceae | Tree | Ornamental | 4 |
| 23 | <i>Alternanthera sessilis</i> | Ponna Ganti | Amaranthaceae | Herb | Weed | 263 |
| 24 | <i>Amaranthus spinosus</i> | Mulla Thotakura | Amaranthaceae | Herb | Weed | 26 |
| 25 | <i>Amaranthus viridis</i> | Thotakura | Amaranthaceae | Herb | Edible | 52 |
| 26 | <i>Amaryllis balladona</i> | Easter Lilly | Amaryllidaceae | Herb | Ornamental | 5 |
| 27 | <i>Amorphophalus campanulatum</i> | Elephant Foot Yam | Araceae | Herb | Edible | 2 |
| 28 | <i>Anacardium occidentalis</i> | Cashewnut | Anacardiaceae | Tree | Edible | 1 |
| 29 | <i>Anacyclus radiatus</i> | Yellow Anacyclus | Asteraceae | Shrub | Ornamental | 5 |
| 30 | <i>Andrachne tephioiodes</i> | Andrache | Phyllanthaceae | Herb | Weed | 36 |

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|-----------|-----------------------------------|--------------------|-----------------|---------|------------|------|
| 31 | <i>Andrographis paniculata</i> | Nelavemu | Acanthaceae | Herb | Medicinal | 1768 |
| 32 | <i>Annona squamosa</i> | Custard Apple | Annonaceae | Tree | Edible | 4 |
| 33 | <i>Anthuricum andraeanum</i> | Painters Palette | Araceae | Herb | Ornamental | 6 |
| 34 | <i>Antigonon leptopus</i> | Coral Vine | Nyctaginaceae | Creeper | Ornamental | 1 |
| 35 | <i>Arachis hypogea</i> | Ground Nut | Fabaceae | Herb | Edible | 32 |
| 36 | <i>Araucaria heterophylla</i> | Australian Pine | Araucariaceae | Tree | Ornamental | 2 |
| 37 | <i>Areca catechu</i> | Vakka | Arecaceae | Tree | Ornamental | 2 |
| 38 | <i>Argemone mexicana</i> | Prickly Poppy | Papavaracaceae | Herb | Medicinal | 5 |
| 39 | <i>Artemesia vulgaris</i> | Manchipathri | Asteraceae | Herb | Medicinal | 5 |
| 40 | <i>Artocarpus integrifolia</i> | Jack Fruit | Moraceae | Tree | Edible | 2 |
| 41 | <i>Arum italicum</i> | Italian Arum | Araceae | Herb | Ornamental | 10 |
| 42 | <i>Asparagus densiflorus</i> | Fox Lain Fern | Asparagaceae | Shrub | Ornamental | 3 |
| 43 | <i>Asparagus racemosus</i> | Sathamuli | Liliaceae | Shrub | Ornamental | 4 |
| 44 | <i>Asparagus setaceus</i> | Asparagus Fern | Asparagaceae | Shrub | Ornamental | 5 |
| 45 | <i>Asystasia gangetica</i> | Ganges Prim Rose | Acanthaceae | Vine | Weed | 4 |
| 46 | <i>Aa</i> | Neem | Meliaceae | Tree | Medicinal | 10 |
| 47 | <i>Bougainvillea glabra</i> | Paper Flower | Nyctaginaceae | Shrub | Ornamental | 20 |
| 48 | <i>Balsamina impatiens</i> | Chilakamukku | Acanthaceae | Herb | Ornamental | 63 |
| 49 | <i>Barleria prionitis</i> | Mulla Gorinta | Acanthaceae | Shrub | Ornamental | 32 |
| 50 | <i>Basella alba</i> | Indian Spinach | Basellaceae | Creeper | Edible | 18 |
| 51 | <i>Bauhinia purpurea</i> | Butterfly Flowers | Caesalpiniaceae | Tree | Ornamental | 6 |
| 52 | <i>Biophytum sensitivum</i> | Little Tree Plant | Oxalidaceae | Herb | Weed | 21 |
| 53 | <i>Blepharis edulis</i> | December Flower | Acanthaceae | Shrub | Ornamental | 9 |
| 54 | <i>Boerhaavia diffusa</i> | Atikamamidi | Nyctaginaceae | Herb | Medicinal | 64 |
| 55 | <i>Boerhaavia erecta</i> | Erect Boerhaana | Nyctaginaceae | Herb | Medicinal | 22 |
| 56 | <i>Borreria hispida</i> | Shaggy Button Weed | Rubiaceae | Herb | Weed | 136 |
| 57 | <i>Bougainvillea spectabilis</i> | Paper Flower | Nyctaginaceae | Shrub | Ornamental | 26 |
| 58 | <i>Bryophyllum daigremontiana</i> | Air Plant | Crassulaceae | Herb | Ornamental | 5 |
| 59 | <i>Bryophyllum pinnatum</i> | Ranapala | Crassulaceae | Herb | Medicinal | 29 |

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|----|----------------------------------|---------------------|-----------------|-------|--------------------|-----|
| 60 | <i>Brassica nigra</i> | Mustard | Brassicaceae | Herb | Medicinal | 4 |
| 61 | <i>Butea monosperma</i> | Flame Of The Forest | Fabaceae | Tree | Ornamental | 4 |
| 62 | <i>Chrysanthemum morifolium</i> | Florists Daisy | Asteraceae | Herb | Ornamental | 3 |
| 63 | <i>Coleus scutellarioides</i> | Coleus | Lamiaceae | Herb | Ornamental | 5 |
| 64 | <i>Caesalpinia pulcherrima</i> | Peacock Flower | Caesalpiniaceae | Shrub | Ornamental | 12 |
| 65 | <i>Cajanus cajan</i> | Red Gram | Fabaceae | Herb | Edible | 28 |
| 66 | <i>Caladium bicolor</i> | Angel Wings | Araceae | Shrub | Ornamental | 5 |
| 67 | <i>Calathea magestica</i> | Striped Canna | Marantaceae | Herb | Ornamental | 3 |
| 68 | <i>Calathea orbifolia</i> | Prayer Plant | Marantaceae | Herb | Ornamental | 2 |
| 69 | <i>Callistemon citrinus</i> | Bottle Brush | Myrtaceae | Tree | Ornamental | 1 |
| 70 | <i>Calotropis procera</i> | Jilledu | Asclepiadaceae | Shrub | Medicinal | 21 |
| 71 | <i>Calyptocarpus vialis</i> | Straggler Baisy | Asteraceae | Herb | Weed | 15 |
| 72 | <i>Canna generalis</i> | Striped Canna Lilly | Cannaceae | Shrub | Ornamental | 8 |
| 73 | <i>Capsicum annum</i> | Mirchi | Solanaceae | Herb | Edible | 12 |
| 74 | <i>Cardiospermum helicacabum</i> | Ballon Vine | Sapindaceae | Herb | Weed | 3 |
| 75 | <i>Carica papaya</i> | Papaya | Caricaceae | Tree | Edible | 13 |
| 76 | <i>Cassia auriculata</i> | Thangudu | Caesalpiniaceae | Shrub | Ornamental | 20 |
| 77 | <i>Cassia fistula</i> | Rela | Caesalpiniaceae | Tree | Ornamental | 4 |
| 78 | <i>Cassia glauca</i> | Smooth Senna | Caesalpiniaceae | Tree | Ornamental | 2 |
| 79 | <i>Cassia tora</i> | Sickle Pod | Caesalpiniaceae | Tree | Wild | 4 |
| 80 | <i>Casuarina equisetifolia</i> | Sarugudu | Casuarinaceae | Tree | Ornamental | 12 |
| 81 | <i>Celosia argentea</i> | Silver Cock's Comb | Amaranthaceae | Herb | Weed | 4 |
| 82 | <i>Celosia cristata</i> | Cocks Comb | Amaranthaceae | Herb | Ornamental | 4 |
| 83 | <i>Centella asiatica</i> | Saraswathiaku | Apiaceae | Herb | Medicinal | 8 |
| 84 | <i>Chamaecostus cuspidatus</i> | Insulin Plant | Costaceae | Shrub | Medicinal | 1 |
| 85 | <i>Chamaedorea elegans</i> | Parlour Palm | Aracaceae | Shrub | Ornamental | 5 |
| 86 | <i>Chloris barbata</i> | Wind Mill Grass | Poaceae | Herb | Weed | 126 |
| 87 | <i>Cieba pentandra</i> | Buruga | Malvaceae | Tree | Wild | 4 |
| 88 | <i>Cissus quadrangularis</i> | Veldt Grape | Vitaceae | Shrub | Medicinal | 4 |
| 89 | <i>Citrus lemon</i> | Lemon | Rutaceae | Tree | Edible , Medicinal | 3 |

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|-----|-------------------------------------|------------------------|----------------|---------|------------|----|
| 90 | <i>Citrus. Aurantifolia</i> | Narinja, Sour Orange | Rutaceae | Tree | Edible | 2 |
| 91 | <i>Clemates vitalba</i> | Bridal Bouquet | Ranunculaceae | Creeper | Ornamental | 2 |
| 92 | <i>Clematis terniflora</i> | Bridal Bouquet | Ranunculaceae | Creeper | Ornamental | 2 |
| 93 | <i>Cleome chelidonii</i> | Spider Flower | Capparidaceae | Herb | Weed | 4 |
| 94 | <i>Cleome gynandra</i> | Stinkweed, Spider Wisp | Capparidaceae | Herb | Weed | 35 |
| 95 | <i>Cleome viscosa</i> | Kukka Vominta | Capparidaceae | Herb | Medicinal | 48 |
| 96 | <i>Clitoria ternatea</i> | Cordo Fan Pea | Fabaceae | Twiner | Medicinal | 5 |
| 97 | <i>Coccinia indica</i> | Dhonda | Cucurbitaceae | Creeper | Edible | 3 |
| 98 | <i>Cocculus hirsutus</i> | Carolina, Coral Bead | Minespermaceae | Vine | Weed | 13 |
| 99 | <i>Cocos nucifera</i> | Coconut | Palmae | Tree | Edible | 8 |
| 100 | <i>Codiaeum variegatum</i> | Croton | Euphorbiaceae | Herb | Medicinal | 12 |
| 101 | <i>Coleus ambonicus</i> | Mexican Mint | Lamiaceae | Herb | Medicinal | 13 |
| 102 | <i>Coleus blumei</i> | Painted Nettle | Lamiaceae | Herb | Ornamental | 5 |
| 103 | <i>Colocasia esculenta</i> | Cocoyam | Araceae | Herb | Edible | 4 |
| 104 | <i>Commelina benghalensis</i> | Day Flower | Commelinaceae | Herb | Medicinal | 98 |
| 105 | <i>Convolvus arvensis</i> | Field Bind Weed | Convolvulaceae | Herb | Weed | 25 |
| 106 | <i>Cordia sebestena</i> | Virigi | Boraginaceae | Tree | Ornamental | 3 |
| 107 | <i>Cordyline fruticosa</i> | Ti Plant | Asparagaceae | Shrub | Ornamental | 4 |
| 108 | <i>Coreopsis verticillata</i> | Golden Coreopsis | Asteraceae | Herb | Ornamental | 3 |
| 109 | <i>Coriandrum sativum</i> | Dhaniya | Apiaceae | Herb | Spices | 47 |
| 110 | <i>Cosmos bipinnatus</i> | Yellow Cosmos | Asteraceae | Herb | Ornamental | 73 |
| 111 | <i>Cosmos sulphureus</i> | Cosmos | Asteraceae | Herb | Ornamental | 25 |
| 112 | <i>Crassula ovuta</i> | Jade Plant | Crassulaceae | Herb | Ornamental | 4 |
| 113 | <i>Crinum asiaticum</i> | Spider Lilly | Amaryllidaceae | Herb | Ornamental | 2 |
| 114 | <i>Crossandra infundibuliformis</i> | Kanakambaram | Acanthaceae | Shrub | Ornamental | 12 |
| 115 | <i>Crotalaria juncea</i> | Jute | Fabaceae | Shrub | Commercial | 5 |
| 116 | <i>Croton bonplandianum</i> | Galivana Mokka | Euphorbiaceae | Herb | Medicinal | 12 |
| 117 | <i>Cucumis sativum</i> | Dosa | Cucurbitaceae | Creeper | Edible | 2 |
| 118 | <i>Curcuma longa</i> | Turmeric | Zingiberaceae | Shrub | Medicinal | 4 |
| 119 | <i>Cyamopsis tetragonoloba</i> | Guvar Bean | Fabaceae | Herb | Edible | 4 |

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|-----|--------------------------------|------------------------------|-----------------|---------|-------------------|----|
| 120 | <i>Cyanthillium cinereum</i> | Little Iron Weed | Asteraceae | Herb | Weed | 21 |
| 121 | <i>Cycas revoluta</i> | Sagopalm | Cyacadaceae | Tree | Ornamental | 4 |
| 122 | <i>Cymbopogon citratus</i> | Lemon Grass | Poaceae | Herb | Medicinal | 5 |
| 123 | <i>Cynodon dactylon</i> | Durvagrass | Poaceae | Herb | Medicinal | 19 |
| 124 | <i>Cyperus rotundus</i> | Nut Grass | Poaceae | Herb | Medicinal | 56 |
| 125 | <i>Cyperus triceps</i> | Nut Grass | Poaceae | Herb | Weed | 34 |
| 126 | <i>Dactyloctenium agyptium</i> | Foot Grass | Poaceae | Herb | Weed | 25 |
| 127 | <i>Daemia extensa</i> | Dustapu Theega | Asclepiadaceae | Creeper | Medicinal | 2 |
| 128 | <i>Datura metel</i> | Ummetha | Solanaceae | Shrub | Medicinal | 26 |
| 129 | <i>Delonix regia</i> | Turai | Caesalpinaceae | Tree | Ornamental | 6 |
| 130 | <i>Desmodium gangeticum</i> | Salparni | Fabaceae | Herb | Weed | 18 |
| 131 | <i>Desmodium paniculatum</i> | Panicled Tick Clover | Fabaceae | Herb | Ornamental | 5 |
| 132 | <i>Desmodium triflorum</i> | Creeping Tick Trefoil | Fabaceae | Herb | Weed | 21 |
| 133 | <i>Dianthus barbatus</i> | Sweet William | Caryophyllaceae | Herb | Ornamental | 21 |
| 134 | <i>Dichondra micrantha</i> | Kidney Weed | Convolvulaceae | Creeper | Weed | 68 |
| 135 | <i>Diffenbachia camilla</i> | Dumb Cane | Araceae | Herb | Ornamental | 6 |
| 136 | <i>Diffenbachia maculata</i> | Dumb Cane | Araceae | Herb | Ornamental | 5 |
| 137 | <i>Diffenbachia seguine</i> | Dumb Cane | Araceae | Herb | Ornamental | 6 |
| 138 | <i>Dolichos lablab</i> | Beans | Fabaceae | Twiner | Edible | 4 |
| 139 | <i>Dracaena aungustifolia</i> | Soap Tree | Euphorbiaceae | Shrub | Ornamental | 6 |
| 140 | <i>Dracaena mahatma</i> | Gundu Malli | Liliaceae | Herb | Ornamental | 5 |
| 141 | <i>Dracaena reflexa</i> | Dragon | Asparagaceae | Shrub | Ornamental | 4 |
| 142 | <i>Dracaena sanderiana</i> | Lucky Bamboo | Asparagaceae | Herb | Ornamental | 8 |
| 143 | <i>Dracaena victoria</i> | Draceaena | Liliaceae | Shrub | Medicinal | 5 |
| 144 | <i>Draceana fragans</i> | Snap Dragon | Liliaceae | Herb | Ornamental | 4 |
| 145 | <i>Duranta plumeri</i> | Angels Whisper | Verbenaceae | Shrub | Weed | 24 |
| 146 | <i>Dypsis lutescence</i> | Areca Palm, Golden Cane Palm | Aracaceae | Shrub | Ornamental | 16 |
| 147 | <i>Echinocereus coccineus</i> | Hedge Hog | Cactaceae | Shrub | Ornamental | 5 |
| 148 | <i>Echinochloa colona</i> | Jungle Rice | Poaceae | Herb | Weed | 86 |
| 149 | <i>Eclipta alba</i> | Gunta Kalagaraku | Asteraceae | Herb | Medicinal | 62 |
| 150 | <i>Embllica officinalis</i> | Amla | Euphorbiaceae | Tree | Medicinal /Edible | 4 |

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|-----|-----------------------------------|-------------------------|------------------|---------|------------|------|
| 151 | <i>Epiphyllum oxypetalum</i> | Pipe Cactus | Cactaceae | Herb | Ornamental | 8 |
| 152 | <i>Epipremnum aureum</i> | Money Plant, Devils Ivy | Araceae | Climber | Ornamental | 10 |
| 153 | <i>Epipremnum pinnatum</i> | Centipede Tangavine | Araceae | Climber | Ornamental | 4 |
| 154 | <i>Eragrostis tanella</i> | Japanese Love Grass | Poaceae | Herb | Weed | 129 |
| 155 | <i>Ericameria nauseosa</i> | Rubber Rabbit Fresh | Asteraceae | Herb | Weed | 48 |
| 156 | <i>Erogrostis tenella</i> | Bunch Grass | Poaceae | Herb | Weed | 198 |
| 157 | <i>Eucalyptus indica</i> | Jamaoil | Myrtaceae | Tree | Medicinal | 4 |
| 158 | <i>Euphorbia hirta</i> | Asthma Plant | Euphorbiaceae | Herb | Medicinal | 1129 |
| 159 | <i>Euphorbia milii</i> | Christ Plant | Euphorbiaceae | Shrub | Ornamental | 6 |
| 160 | <i>Euphorbia pulcherima</i> | Poinsettia | Euphorbiaceae | Shrub | Weed | 45 |
| 161 | <i>Euphorbia thirukallii</i> | Pencil Tree | Amaranthaceae | Herb | Weed | 4 |
| 162 | <i>Excoecaria cochinchinensis</i> | Chinese Croton | Euphorbiceae | Shrub | Ornamental | 2 |
| 163 | <i>Ficus benghalensis</i> | Marri | Moraceae | Tree | Medicinal | 1 |
| 164 | <i>Ficus benjamina</i> | Weeping Fig | Moraceae | Tree | Ornamental | 4 |
| 165 | <i>Ficus elastica</i> | Rubber Plant | Moraceae | Shrub | Ornamental | 5 |
| 166 | <i>Ficus religiosa</i> | Ravi | Moraceae | Tree | Wood | 2 |
| 167 | <i>G.decumbens</i> | Bachelor Button | Amaranthaceae | Herb | Ornamental | 4 |
| 168 | <i>Gailardia pulchilla</i> | Rose Ring | Asteraceae | Herb | Ornamental | 21 |
| 169 | <i>Galphimia glauca</i> | Golden Shower Flower | Malpighiaceae | Shrub | Medicinal | 4 |
| 170 | <i>Geophila repens</i> | Geophila | Rubiaceae | Herb | Weed | 69 |
| 171 | <i>Geophila herbacea</i> | Geophila | Rubiaceae | Herb | Ornamental | 8 |
| 172 | <i>Gerbera jamesonii</i> | Gerbera | Asteraceae | Herb | Ornamental | 24 |
| 173 | <i>Gomphrena globosa</i> | Globe Amaranth | Amaranthaceae | Herb | Weed | 145 |
| 174 | <i>Gomphrena serrata</i> | Globe Amaranth | Amaranthaceae | Herb | Ornamental | 5 |
| 175 | <i>Gossypium arboreus</i> | Cotton | Malvaceae | Shrub | Commercial | 5 |
| 176 | <i>Gratophyllum pictum</i> | Caricature Plant | Acanthaceae | Shrub | Ornamental | 6 |
| 177 | <i>Grevillea robusta</i> | Silky Oak | Proteaceae | Tree | Ornamental | 2 |
| 178 | <i>Gynandropsis pentaphylla</i> | Vominta | Capparidaceae | Herb | Medicinal | 78 |
| 179 | <i>Haemanthus multiflorus</i> | Blood Lilly | Amaryllidaceae | Herb | Ornamental | 3 |
| 180 | <i>Hamelia patens</i> | Fire Brush | Rubiaceae | Shrub | Ornamental | 12 |
| 181 | <i>Haworthia fasciata</i> | Zebra Haworthia | Xanthorrhoeaceae | Shrub | Ornamental | 4 |
| 182 | <i>Helianthus annus</i> | Sunflower | Asteraceae | Herb | Ornamental | 4 |

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|------------|-----------------------------------|-------------------------|-----------------|-----------|------------|----|
| 183 | <i>Heliotropium indicum</i> | Nagadanthi | Boraginaceae | Herb | Medicinal | 19 |
| 184 | <i>Hibiscus micranthus</i> | Nityamalli | Malvaceae | Shrub | Ornamental | 8 |
| 185 | <i>Hibiscus rosa sinensis</i> | Mandhara | Malvaceae | Shrub | Ornamental | 36 |
| 186 | <i>Hippeastrum striatum</i> | Striped Barbados Lilly | Amaryllidaceae | Herb | Ornamental | 4 |
| 187 | <i>Hybanthus enneaspermus</i> | Hump Back Flower | Violaceae | Herb | Medicinal | 4 |
| 188 | <i>Ipomoea batatas</i> | Sweet Potato | Convolvulaceae | Creeper | Edible | 2 |
| 189 | <i>Ixora coccinea</i> | Rama Banalu | Rubiaceae | Tree | Ornamental | 12 |
| 190 | <i>Ixora indica</i> | Guthi Puvulu | Rubiaceae | Shrub | Ornamental | 4 |
| 191 | <i>Jasminum multi florum</i> | Winter Jasmine | Oleaceae | Shrub | Ornamental | 2 |
| 192 | <i>Jasminum.officinalis</i> | Sannajaji | Oleaceae | Straggler | Ornamental | 2 |
| 193 | <i>Jacaranda mimosifolia</i> | Blue Jacaranda | Bignoniaceae | Tree | Ornamental | 2 |
| 194 | <i>Jasminum grandiflorum</i> | Royal Jasmine | Oleaceae | Shrub | Ornamental | 3 |
| 195 | <i>Jasminum sambac</i> | Malli Jasmine | Oleaceae | Shrub | Ornamental | 12 |
| 196 | <i>Jatropha gossypifolia</i> | Physic Nut | Euphorbiaceae | Shrub | Weed | 12 |
| 197 | <i>Justicia adhatoda</i> | Malabarnut | Acanthaceae | Shrub | Medicinal | 2 |
| 198 | <i>Justicia procumbens</i> | Water Willow | Acanthaceae | Herb | Weed | 31 |
| 199 | <i>Kalanchoe blossfeldiana</i> | Red Kalanchoe | Crassulaceae | Herb | Ornamental | 15 |
| 200 | <i>Kalanchoe daigremontiana</i> | Mother Of Millions | Crassulaceae | Herb | Ornamental | 8 |
| 201 | <i>Lamium album</i> | White Dead Nettle | Lamiaceae | Shrub | Medicinal | 4 |
| 202 | <i>Lantana camara</i> | Lantana Wild Sage | Verbenaceae | Shrub | Weed | 28 |
| 203 | <i>Lawsonia inersmis</i> | Gorinta | Lythraceae | Shrub | Medicinal | 4 |
| 204 | <i>Lepidium ruderale</i> | Pepper Grass | Brassicaceae | Herb | Weed | 5 |
| 205 | <i>Leucaena leucocephala</i> | Wild Tamarind | Caesalpiniaceae | Tree | Ornamental | 3 |
| 206 | <i>Leucas aspera</i> | Thummi | Lamiaceae | Herb | Medicinal | 23 |
| 207 | <i>Lilium candidum</i> | Lilly | Liliaceae | Shrub | Ornamental | 15 |
| 208 | <i>Lippia nodiflora</i> | Frog Fruit | Verbenaceae | Herb | Weed | 36 |
| 209 | <i>Ludwigia octovalvis</i> | Mexican Primrose Willow | Onagraceae | Herb | Weed | 53 |
| 210 | <i>Lycopersicum esculentum</i> | Tomato | Solanaceae | Herb | Edible | 28 |
| 211 | <i>Malvastrum coromandelianum</i> | Threelobe False Mallow | Malceae | Herb | Weed | 15 |

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| 212 | <i>Malvaviscus arboreus</i> | Mainapanandara | Malvaceae | Shrub | Ornamental | 4 |
| 213 | <i>Mammillaria spinosus</i> | Round Ball Lilly | Cactaceae | Herb | Ornamental | 3 |
| 214 | <i>Mangifera indica</i> | Mango | Anacardiaceae | Tree | Edible | 22 |
| 215 | <i>Manihot esculenta</i> | Cassava | Euphorbiaceae | Shrub | Edible | 15 |
| 216 | <i>Melia azadirachta</i> | Turakavepa | Meliaceae | Tree | Timber | 2 |
| 217 | <i>Merremia tridentata</i> | Merrimia | Convolvulaceae | Herb | Medicinal | 64 |
| 218 | <i>Mesophaerum suaveolens</i> | Factstreet | Lamiaceae | Shrub | Weed | 5 |
| 219 | <i>Millingtonia hortensis</i> | Indian Cork Tree | Bignoniaceae | Tree | Ornamental | 4 |
| 220 | <i>Mimosa pudica</i> | Touch Me Not | Mimosaceae | Herb | Weed | 289 |
| 221 | <i>Mimusops elengi</i> | Bogada | Sapotaceae | Tree | Ornamental | 2 |
| 222 | <i>Minthostachys verticillata</i> | Peperina | Lamiaceae | Shrub | Medicinal | 5 |
| 223 | <i>Mirabilis jalapa</i> | 4'o Clock Plant | Nyctaginaceae | Shrub | Medicinal | 25 |
| 224 | <i>Momordica charantia</i> | Kakara | Cucurbitaceae | Creeper | Edible | 3 |
| 225 | <i>Monstera adansonii</i> | Swiss Cheese Vine | Araceae | Shrub | Ornamental | 5 |
| 226 | <i>Monstera deliciosa</i> | Swiss Cheese Plant | Araceae | Shrub | Ornamental | 6 |
| 227 | <i>Morinda tinctoria</i> | Togaru | Rubiaceae | Tree | Avenue | 2 |
| 228 | <i>Moringa oleifera</i> | Munaga | Moringaceae | Tree | Edible | 4 |
| 229 | <i>Muntingia calabura</i> | Indian Cherry | Muntingiaceae | Tree | Ornamental | 4 |
| 230 | <i>Murayya koenigii</i> | Curry Leaves | Rutaceae | Tree | Staple In Medicinal | 12 |
| 231 | <i>Musa paradisiaca</i> | Banana | Musaceae | Tree | Edible | 25 |
| 232 | <i>Mussanda philippica</i> | Gharden Drum | Rubiaceae | Shrub | Ornamental | 3 |
| 233 | <i>Nephrolepis bisserata</i> | Fern | Nephrolepidaceae | Herb | Ornamental | 4 |
| 234 | <i>Nephrolepis cordifolia</i> | Narrow Sword Fern | Nephrolepidaceae | Herb | Ornamental | 5 |
| 235 | <i>Nerium oliander</i> | Ganneru | Apocynaceae | Shrub | Ornamental | 8 |
| 236 | <i>Nephrolepis exalta</i> | Sword Fern (Or) Boston Fern | Nephrolepidaceae | Herb | Ornamental | 4 |
| 237 | <i>Nerium odoratum</i> | Ganneru | Apocynaceae | Shrub | Ornamental | 8 |
| 238 | <i>Nyctanthes arbor-tristis</i> | Paarijatgam | Oleaceae | Tree | Ornamental | 2 |
| 239 | <i>Ocimum americanum</i> | Kukka Thulasi | Lamiaceae | Shrub | Weed | 5 |
| 240 | <i>Ocimum basilicum</i> | Konda Thulasi | Lamiaceae | Shrub | Weed | 8 |
| 241 | <i>Ocimum sanctum</i> | Basil | Lamiaceae | Herb | Medicinal | 15 |
| 242 | <i>Oldenlandia umbellata</i> | Diamond Flower | Rubiaceae | Herb | Weed | 56 |
| 243 | <i>Opuntia humifusa</i> | Prickly Pear | Cactaceae | Shrub | Weed | 5 |

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| 244 | <i>Opuntia monacantha</i> | Prickly Pear | Cactaceae | Shrub | Weed | 5 |
| 245 | <i>Origanum majorana</i> | Maruvam | Lamiaceae | Herb | Medicinal | 2 |
| 246 | <i>Pandranea recasoliana</i> | Pink Trumpet | Bignoniaceae | Tree | Ornamental | 2 |
| 247 | <i>Panicum repens</i> | Torpedo Grass | Poaceae | Herb | Weed | 89 |
| 248 | <i>Parthenium hysterophorus</i> | Vayyaribhama | Asteraceae | Shrub | Weed | 98 |
| 249 | <i>Passiflora edulis</i> | Purple Passion Fruit | Passifloraceae | Vine | Ornamental | 2 |
| 250 | <i>Pavonia zeylanica</i> | Ceylon Swamp | Malvaceae | Shrub | Medicinal | 12 |
| 251 | <i>Pedilanthus tithymalooides</i> | Devil's Back Bone | Euphorbiceae | Shrub | Ornamental | 5 |
| 252 | <i>Pentas lanceolata</i> | Pentas Plant | Rubiaceae | Herb | Ornamental | 4 |
| 253 | <i>Perilla frutescens</i> | Beef Steak | Lamiaceae | Herb | Edible Seeds | 4 |
| 254 | <i>Petunia alba</i> | Petunia | Solanaceae | Herb | Ornamental | 22 |
| 255 | <i>Petunia integrifolia</i> | Petunia | Solanaceae | Herb | Ornamental | 10 |
| 256 | <i>Philodendron hederaceum</i> | Heart Leaf | Arecaceae | Herb | Ornamental | 2 |
| 257 | <i>Phyllanthus acidus</i> | Chinna Usiri | Euphorbiaceae | Tree | Medicinal | 4 |
| 258 | <i>Phyllanthus maderaspatensis</i> | Muripinda | Euphorbiaceae | Herb | Ornamental | 78 |
| 259 | <i>Phyllanthus niruri</i> | Nela Usiri | Euphorbiaceae | Herb | Medicinal | 96 |
| 260 | <i>Physalis peruviana</i> | Periviana Groun Cherry | Solanaceae | Herb | Weed | 10 |
| 261 | <i>Piper betle</i> | Betel Leaf | Piperaceae | Creeper | Edible | 5 |
| 262 | <i>Pithecellobium dulce</i> | Sema Chintha | Fabaceae | Tree | Edible | 2 |
| 263 | <i>Plectranthus amboinicus</i> | Mexican Mint | Lamiaceae | Shrub | Medicinal | 8 |
| 264 | <i>Plectranthus medagascariensis</i> | Candle Plant | Lamiaceae | Shrub | Ornamental | 5 |
| 265 | <i>Plectranthus rotundifolius</i> | Chinese Potato | Lamiaceae | Herb | Edible | 5 |
| 266 | <i>Plumbago zeylanica</i> | Chitramulamu | Plumbaginaceae | Herb | Medicinal | 27 |
| 267 | <i>Plumereia alba</i> | White Nooru Varahalu | Apocynaceae | Tree | Ornamental | 18 |
| 268 | <i>Plumeria pudica</i> | White Frangipani | Apocynaceae | Shrub | Ornamental | 3 |
| 269 | <i>Plumeria rubra</i> | Red | Apocynaceae | Tree | Ornamental | 3 |
| 270 | <i>Polyalthia longifolia</i> | Asoka | Annonaceae | Tree | Ornamental | 28 |
| 271 | <i>Polygonum plebeium</i> | Knot Weed | Polygonaceae | Herb | Weed | 15 |
| 272 | <i>Polyscias fruticosa</i> | Balfour Aralia | Araliaceae | Shrub | Ornamental | 5 |

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| 273 | <i>Pongamia pinnata</i> | Kanuga | Fabaceae | Tree | Medicinal | 5 |
| 274 | <i>Portulaca grandiflora</i> | Moss Rose | Portulacaceae | Creeper | Ornamental | 5 |
| 275 | <i>Portulaca oleracea</i> | Elephant Leaf | Portulacaceae | Herb | Weed | 89 |
| 276 | <i>Portulacaria afra</i> | Jade Plant | Portulaceae | Herb | Ornamental | 3 |
| 277 | <i>Premna integrifolia</i> | Agnimantha | Verbenaceae | Tree | Medicinal | 2 |
| 278 | <i>Pseudoranthemum reticulatum</i> | Chukka Malli | Acanthaceae | Herb | Ornamental | 4 |
| 279 | <i>Psidium guavaJAVA</i> | Guava | Myrtaceae | Tree | Edible | 4 |
| 280 | <i>Pyrostegia venusta</i> | Flame Wine | Bignoniaceae | Herb | Ornamental | 4 |
| 281 | <i>Quamoclit pinnata</i> | Kasiratnam | Convolvulaceae | Creeper | Ornamental | 2 |
| 282 | <i>Quisqualis indica</i> | Radha Manoharam | Combretaceae | Twiner | Ornamental | 2 |
| 283 | <i>Rauvolfia heterophylla</i> | Sarpa Gandhi | Apocynaceae | Shrub | Medicinal | 1 |
| 284 | <i>Rhapis excelsa</i> | Lady Palmtree | Arecaceae | Shrub | Ornamental | 2 |
| 285 | <i>Ricinus communis</i> | Castar Oil | Euphorbiceae | Shrub | Medicinal | 18 |
| 286 | <i>Rosa alba</i> | White Rose | Rosaceae | Shrub | Ornamental | 4 |
| 287 | <i>Rosa indica</i> | Pink Rose | Rosaceae | Shrub | Ornamental | 5 |
| 288 | <i>Ruellia tuberosa</i> | Water Kanon | Acanthaceae | Herb | Weed | 178 |
| 289 | <i>Rumex acetosa</i> | Chukkakura | Polygonaceae | Herb | Edible | 15 |
| 290 | <i>Samanea saman</i> | Nidra Ganneru | Mimosaceae | Tree | Ornamental | 3 |
| 291 | <i>Sansevieria trifasciata</i> | Snake Plant | Asparagaceae | Shrub | Ornamental | 6 |
| 292 | <i>Schefflera actinophylla</i> | Australian Cabbage Tree | Araliaceae | Herb | Ornamental | 3 |
| 293 | <i>Sedum album</i> | Stone Crop | Crassulaceae | Herb | Ornamental | 4 |
| 294 | <i>Senecio vulgaris</i> | Ground Sel | Asteraceae | Herb | Weed | 54 |
| 295 | <i>Sesamum indicum</i> | Nuvvulu | Pedaliaceae | Herb | Edible | 4 |
| 296 | <i>Setaria intermedia</i> | Green Fox Tail | Poaceae | Herb | Weed | 198 |
| 297 | <i>Sida acuta</i> | Wire Weed | Malavaceae | Herb | Medicinal | 46 |
| 298 | <i>Sida cordifolia</i> | Chirubeenda | Malavaceae | Herb | Medicinal | 58 |
| 299 | <i>Solanum melogina</i> | Brinjal | Solanaceae | Herb | Edible | 10 |
| 300 | <i>Solanum nigrum</i> | Kamanchi | Solanaceae | Shrub | Medicinal | 8 |
| 301 | <i>Solanum xanthocarpum</i> | Kantakari | Solanaceae | Herb | Medicinal | 15 |
| 302 | <i>Solidago canadensis</i> | Golden Rods | Asteraceae | Shrub | Ornamental | 15 |
| 303 | <i>Sonchus asper</i> | Rough Milk Thistle | Asteraceae | Herb | Weed | 5 |
| 304 | <i>Sonchus oleraceus</i> | Milk Thistle | Asteraceae | Herb | Weed | 15 |
| 305 | <i>Souropus androgynus</i> | Katuk, Star Goose Berry | Euphorbiceae | Shrub | Ornamental | 5 |
| 306 | <i>Spathiphyllum wallisi</i> | Peace Lilly | Araceae | Herb | Ornamental | 5 |

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| 307 | <i>Syngonium podophyllum</i> | Arrow Head Vine | Araceae | Herb | Ornamental | 5 |
| 308 | <i>Syzygium cumini</i> | Neredu | Myrtaceae | Tree | Medicinal | 2 |
| 309 | <i>Syzygium jambolanum</i> | Neredu, Javaplum | Myrtaceae | Tree | Medicinal | 2 |
| 310 | <i>Tabernaemontana orientalis</i> 3 | Nandhivardhanam | Apocynaceae | Shrub | Ornamental | 3 |
| 311 | <i>Tabebuia rosea</i> | Rosy Trumpet | Bignoniaceae | Tree | Ornamental | 2 |
| 312 | <i>Tabernaemontana corymbosa</i> | Nandhivardhanam | Apocynaceae | Shrub | Ornamental | 5 |
| 313 | <i>Tabernaemontana divaricata</i> | Nandhivardhanam | Apocynaceae | Shrub | Ornamental | 10 |
| 314 | <i>Tagetus patula</i> | Banthi | Asteraceae | Herb | Ornamental | 25 |
| 315 | <i>Tamarindus indica</i> | Tamarind | Caesalpinaeae | Tree | Edible | 2 |
| 316 | <i>Tecoma stans</i> | Suvarna Ganneru | Bignoniaceae | Tree | Ornamental | 6 |
| 317 | <i>Tephrosia purpurea</i> | Vempali | Fabaceae | Shrub | Weed | 12 |
| 318 | <i>Terminalia catappa</i> | Tropical Almond | Combretaceae | Tree | Edible | 8 |
| 319 | <i>Thalictrum dioicum</i> | Early Meadow | Ranunculaceae | Herb | Medicinal | 15 |
| 320 | <i>Thespesia populnea</i> | Ganga Ravi | Malvaceae | Tree | Ornamental | 2 |
| 321 | <i>Thevetia nerifolia</i> | Yellow Oleander | Apocynaceae | Shrub | Ornamental | 5 |
| 322 | <i>Thuja occidentalis</i> | Eastern White Cedar | Cupressaceae | Tree | Ornamental | 2 |
| 323 | <i>Tinospora cordifolia</i> | Thippa Theega | Menispermaceae | Creeper | Medicinal | 15 |
| 324 | <i>Tithonia diversifolia</i> | Tree Marigold | Asteraceae | Shrub | Ornamental | 35 |
| 325 | <i>Tradescantia fluminensis</i> | Wanderer Jew | Commelinaceae | Shrub | Ornamental | 5 |
| 326 | <i>Tradescantia pallida</i> | Spider Wort | Commelinaceae | Herb | Ornamental | 7 |
| 327 | <i>Tradescantia spathacea</i> | Rheodiscotor | Commelinaceae | Herb | Ornamental | 8 |
| 328 | <i>Tradescantia zebrina</i> | Spider Wort | Commelinaceae | Shrub | Ornamental | 8 |
| 329 | <i>Trianthema portulacastrum</i> | Desert Horse, Purse Lane | Aizoaceae | Creeper | Medicinal | 534 |
| 330 | <i>Tribulus terrestris</i> | Palleru | Zygophyllaceae | Creeper | Medicinal | 58 |
| 331 | <i>Tridax procumbens</i> | Gaddichamanthi | Asteraceae | Herb | Weed | 1125 |
| 332 | <i>Trifolium repens</i> | Ladino Clover | Fabaceae | Herb | Weed | 24 |
| 333 | <i>Trigonella foenumgraecum</i> | Fenugreek | Fabaceae | Herb | Medicinal | 23 |
| 334 | <i>Turnera ulmifolia</i> | Yellow Alder | Turneraceae | Herb | Weed | 34 |

| | | | | | | |
|-----|---------------------------------|-------------------------|----------------|--------|------------|-----|
| 335 | <i>Verbena bipinnatifida</i> | Prairie Plant | Verbenaceae | Herb | Ornamental | 6 |
| 336 | <i>Vernonia cinerea</i> | Iron Weed | Asteraceae | Herb | Weed | 534 |
| 337 | <i>Viburnum lantinoides</i> | Hobble Bush | Adoxaceae | Twiner | Ornamental | 5 |
| 338 | <i>Vicia tetrasperma</i> | Lentil Wetch | Fabaceae | Herb | Weed | 15 |
| 339 | <i>Vigna unguiculata</i> | Cow Pea | Fabaceae | Shrub | Edible | 13 |
| 340 | <i>Waltheria indica</i> | Sleepy Morning | Malvaceae | Herb | Weed | 28 |
| 341 | <i>Xanthosoma sagittifolium</i> | Arrow Leaf Elephant Ear | Araceae | Shrub | Ornamental | 5 |
| 342 | <i>Zinnia. angustifolia</i> | Narrow Leaves Zinnia | Asteraceae | Herb | Ornamental | 21 |
| 343 | <i>Zinnia elegans</i> | Zinnia | Asteraceae | Herb | Ornamental | 31 |
| 344 | <i>Zinnia.acerosa</i> | Desert Zinnia | Asteraceae | Herb | Ornamental | 23 |
| 345 | <i>Zamioculcus zamiifolia</i> | Zangibar Gem Plant | Araceae | Shrub | Ornamental | 4 |
| 346 | <i>Zea mays</i> | Maize | Poaceae | Herb | Edible | 23 |
| 347 | <i>Zephyranthes rosea</i> | Zepher Lilly | Amaryllidaceae | Herb | Ornamental | 4 |
| 348 | <i>Zingiber officinalis</i> | Zinger | Zingiberaceae | Herb | Edible | 10 |
| 349 | <i>Zyziphus jujuba</i> | Regu | Rhamnaceae | Shrub | Medicinal | 2 |

List of Trees

| <u>Sl.N o</u> | Botanical Names | Common Names | Family | Habit | Economic Use | Number |
|-------------------|--------------------------------|----------------------|-----------------|--------------|---------------------|---------------|
| 1 | <i>Acacia melanozylon</i> | Australian Blackwood | Mimosaceae | Tree | Ornamental | 2 |
| 2 | <i>Achras sapota</i> | Sapota | Sapotaceae | Tree | Edible | 4 |
| 3 | <i>Aegle marmelos</i> | Maredu | Rutaceae | Tree | Medicinal | 2 |
| 4 | <i>Albezzia lebbeck</i> | Turai | Mimosaceae | Tree | Ornamental | 2 |
| 5 | <i>Allamanda blancheti</i> | Mexican Sunflower | Apocynaceae | Tree | Ornamental | 4 |
| 6 | <i>Alstonia scholaris</i> | Yedupalaku | Apocynaceae | Tree | Ornamental | 4 |
| 7 | <i>Anacardium occidentalis</i> | Cashewnut | Anacardiaceae | Tree | Edible | 1 |
| 8 | <i>Annona squamosa</i> | Custard Apple | Annonaceae | Tree | Edible | 4 |
| 9 | <i>Araucaria heterophylla</i> | Australian Pine | Araucariaceae | Tree | Ornamental | 2 |
| 10 | <i>Areca catechu</i> | Vakka | Arecaceae | Tree | Ornamental | 2 |
| 11 | <i>Artocarpus integrifolia</i> | Jack Fruit | Moraceae | Tree | Edible | 2 |
| 12 | <i>Azadirachta indica</i> | Neem | Meliaceae | Tree | Medicinal | 10 |
| 13 | <i>Bauhinia purpuria</i> | Butterfly Flowers | Caesalpiniaceae | Tree | Ornamental | 6 |
| 14 | <i>Butea monosperma</i> | Flame Of The Forest | Fabaceae | Tree | Ornamental | 4 |
| 15 | <i>Callistemon citrinus</i> | Bottle Brush | Myrtaceae | Tree | Ornamental | 1 |
| 16 | <i>Carica papaya</i> | Papaya | Caricaceae | Tree | Edible | 13 |
| 17 | <i>Cassia fistula</i> | Rela | Caesalpiniaceae | Tree | Ornamental | 4 |
| 18 | <i>Cassia glauca</i> | Smooth Senna | Caesalpiniaceae | Tree | Ornamental | 2 |

| | | | | | | |
|----|--------------------------------|-------------------------|---------------|------|---------------------|----|
| 19 | <i>Cassia tora</i> | Sickle Pod | Caesalpinaeae | Tree | Wild | 4 |
| 20 | <i>Casuarina equisetifolia</i> | Sarugudu | Casuarinaceae | Tree | Ornamental | 12 |
| 21 | <i>Cieba pentandra</i> | Buruga | Malvaceae | Tree | Wild | 4 |
| 22 | <i>Citrus lemon</i> | Lemon | Rutaceae | Tree | Edible , Medicinal | 3 |
| 23 | <i>Citrus. Aurantifolia</i> | Narinja, Sour Orange | Rutaceae | Tree | Edible | 2 |
| 24 | <i>Cocos nucifera</i> | Coconut | Palmae | Tree | Edible | 8 |
| 25 | <i>Cordia sebestena</i> | Virigi | Boraginaceae | Tree | Ornamental | 3 |
| 26 | <i>Cycas revoluta</i> | Sagopalm | Cyacadaceae | Tree | Ornamental | 4 |
| 27 | <i>Delonix regia</i> | Turai | Caesalpinaeae | Tree | Ornamental | 6 |
| 28 | <i>Emblica officinalis</i> | Amla | Euphorbiaceae | Tree | Medicinal /Edible | 4 |
| 29 | <i>Eucalyptus indica</i> | Jamaoil | Myrtaceae | Tree | Medicinal | 4 |
| 30 | <i>Ficus benghalensis</i> | Marri | Moraceae | Tree | Medicinal | 1 |
| 31 | <i>Ficus benjamina</i> | Weeping Fig | Moraceae | Tree | Ornamental | 4 |
| 32 | <i>Ficus religiosa</i> | Ravi | Moraceae | Tree | Wood | 2 |
| 33 | <i>Grevillea robusta</i> | Silky Oak | Proteaceae | Tree | Ornamental | 2 |
| 34 | <i>Ixora coccinia</i> | Rama Banalu | Rubiaceae | Tree | Ornamental | 12 |
| 35 | <i>Jacaranda mimosifolia</i> | Blue Jacaranda | Bignoniaceae | Tree | Ornamental | 2 |
| 36 | <i>Leucaena leucocephala</i> | Wild Tamarind | Caesalpinaeae | Tree | Ornamental | 3 |
| 37 | <i>Mangifera indica</i> | Mango | Anacardiaceae | Tree | Edible | 22 |
| 38 | <i>Melia azadirachta</i> | Turakavepa | Meliaceae | Tree | Timber | 2 |
| 39 | <i>Millingtonia hortensis</i> | Indian Cork Tree | Bignoniaceae | Tree | Ornamental | 4 |
| 40 | <i>Minusops elengi</i> | Bogada | Sapotaceae | Tree | Ornamental | 2 |
| 41 | <i>Morinda tinctoria</i> | Togaru | Rubiaceae | Tree | Avenue | 2 |
| 42 | <i>Moringa oleifera</i> | Munaga | Moringaceae | Tree | Edible | 4 |
| 43 | <i>Muntingia calabura</i> | Indian Cherry | Muntingiaceae | Tree | Ornamental | 4 |
| 44 | <i>Murayya koenigii</i> | Curry Leaves | Rutaceae | Tree | Staple In Medicinal | 12 |
| 45 | <i>Musa paradisiaca</i> | Banana | Musaceae | Tree | Edible | 25 |
| 46 | <i>Nyctanthes arbortristis</i> | Paarijatgam | Oleaceae | Tree | Ornamental | 2 |
| 47 | <i>Pandanea recasoliana</i> | Pink Trumpet | Bignoniaceae | Tree | Ornamental | 2 |
| 48 | <i>Phyllanthus acidus</i> | Chinna Usiri | Euhporbiaceae | Tree | Medicinal | 4 |
| 49 | <i>Pithecellobium dulce</i> | Sema Chinthia | Fabaceae | Tree | Edible | 2 |
| 50 | <i>Plumereaa alba</i> | White Nooru Varahalu | Apocynaceae | Tree | Ornamental | 18 |
| 51 | <i>Plumeria rubra</i> | Red | Apocynaceae | Tree | Ornamental | 3 |
| 52 | <i>Polyalthia longifolia</i> | Asoka | Annonaceae | Tree | Ornamental | 28 |
| 53 | <i>Pongamia pinnata</i> | Kanuga | Fabaceae | Tree | Medicinal | 5 |
| 54 | <i>Premna integrifolia</i> | Agnimantha | Verbenaceae | Tree | Medicinal | 2 |
| 55 | <i>Psidium guavajava</i> | Guava | Myrtaceae | Tree | Edible | 4 |
| 56 | <i>Samanea saman</i> | Nidra Ganneru | Mimosaceae | Tree | Ornamental | 3 |
| 57 | <i>Syzygium cumini</i> | Neredu | Myrtaceae | Tree | Medicinal | 2 |
| 58 | <i>Syzygium jambolanum</i> | Neredu, Javaplum | Myrtaceae | Tree | Medicinal | 2 |
| 59 | <i>Tabebuia rosea</i> | Rosy Trumpet | Bignoniaceae | Tree | Ornamental | 2 |

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|-----------|---------------------------|---------------------|---------------|------|------------|---|
| 60 | <i>Tamarindus indica</i> | Tamarind | Caesalpinaeae | Tree | Edible | 2 |
| 61 | <i>Tecoma stans</i> | Suvarna Ganneru | Bignoniaceae | Tree | Ornamental | 6 |
| 62 | <i>Terminalia catappa</i> | Tropical Almond | Combretaceae | Tree | Edible | 8 |
| 63 | <i>Thespesia populnea</i> | Ganga Ravi | Malvaceae | Tree | Ornamental | 2 |
| 64 | <i>Thuja occidentalis</i> | Eastern White Cedar | Cupressaceae | Tree | Ornamental | 2 |

List of Shrubs

| Sl.No | Botanical Names | Common Names | Family | Habit | Economic Use | Number |
|--------------|-------------------------------------|------------------------------|----------------|--------------|---------------------|---------------|
| 1 | <i>Abelmoschus esculentus</i> | Bhendi | Malvaceae | Shrub | Edible | 22 |
| 2 | <i>Abutilon indicum</i> | Tuthurubenda | Malvaceae | Shrub | Medicinal | 4 |
| 3 | <i>Acalypha hispida</i> | Philippine Medusa | Euphorbiceae | Shrub | Ornamental | 6 |
| 4 | <i>Achyranthes aspera</i> | Uttareni | Amaranthaceae | Shrub | Medicinal | 20 |
| 5 | <i>Adenium obesum</i> | Desert Rose | Apocynaceae | Shrub | Ornamental | 6 |
| 6 | <i>Ageratum conyzoides</i> | Chick Weed | Asteraceae | Shrub | Weed | 51 |
| 7 | <i>Alocasia macrorhiza</i> | Welts Hurb | Araceae | Shrub | Ornamental | 2 |
| 8 | <i>Aloe vera</i> | Kalabanda | Liliaceae | Shrub | Medicinal | 56 |
| 9 | <i>Anacyclus radiatus</i> | Yellow Anacyclus | Asteraceae | Shrub | Ornamental | 5 |
| 10 | <i>Asparagus densiflorus</i> | Fox Lain Fern | Asparagaceae | Shrub | Ornamental | 3 |
| 11 | <i>Asparagus racemosus</i> | Sathamuli | Liliaceae | Shrub | Ornamental | 4 |
| 12 | <i>Asparagus setaceus</i> | Asparagus Fern | Asparagaceae | Shrub | Ornamental | 5 |
| 13 | <i>Bougainvillea glabra</i> | Paper Flower | Nyctaginaceae | Shrub | Ornamental | 20 |
| 14 | <i>Barleria prionitis</i> | Mulla Gorinta | Acanthaceae | Shrub | Ornamental | 32 |
| 15 | <i>Blepharis edulis</i> | December Flower | Acnthaceae | Shrub | Ornamental | 9 |
| 16 | <i>Bougainvillea spectabilis</i> | Paper Flower | Nyctaginaceae | Shrub | Ornamental | 26 |
| 17 | <i>Caesalpinia pulcherrima</i> | Peacock Flower | Caesalpinaeae | Shrub | Ornamental | 12 |
| 18 | <i>Caladium bicolor</i> | Angel Wings | Araceae | Shrub | Ornamental | 5 |
| 19 | <i>Calotropis procera</i> | Jilledu | Asclepiadaceae | Shrub | Medicinal | 21 |
| 20 | <i>Canna generalis</i> | Striped Canna Lilly | Cannaceae | Shrub | Ornamental | 8 |
| 21 | <i>Cassia auriculata</i> | Thangudu | Caesalpinaeae | Shrub | Ornamental | 20 |
| 22 | <i>Chamaecostus cuspidatus</i> | Insulin Plant | Costaceae | Shrub | Medicinal | 1 |
| 23 | <i>Chamaedorea elegans</i> | Parlour Palm | Aracaceae | Shrub | Ornamental | 5 |
| 24 | <i>Cissus quadrangularis</i> | Veldt Grape | Vitaceae | Shrub | Medicinal | 4 |
| 25 | <i>Cordyline fruticosa</i> | Ti Plant | Asparagaceae | Shrub | Ornamental | 4 |
| 26 | <i>Crossandra infundibuliformis</i> | Kanakambararam | Acanthaceae | Shrub | Ornamental | 12 |
| 27 | <i>Crotalaria juncea</i> | Jute | Fabaceae | Shrub | Commercial | 5 |
| 28 | <i>Curcuma longa</i> | Turmeric | Zingiberaceae | Shrub | Medicinal | 4 |
| 29 | <i>Datura metel</i> | Ummetha | Solanaceae | Shrub | Medicinal | 26 |
| 30 | <i>Dracaena aungustifolia</i> | Soap Tree | Euphorbiaceae | Shrub | Ornamental | 6 |
| 31 | <i>Dracaena reflexa</i> | Dragon | Asparagaceae | Shrub | Ornamental | 4 |
| 32 | <i>Dracaena victoria</i> | Draceaena | Liliaceae | Shrub | Medicinal | 5 |
| 33 | <i>Duranta plumeri</i> | Angels Whisper | Verbenaceae | Shrub | Weed | 24 |
| 34 | <i>Dypsis lutescens</i> | Areca Palm, Golden Cane Palm | Aracaceae | Shrub | Ornamental | 16 |
| 35 | <i>Echinocereus coccineus</i> | Hedge Hog | Cactaceae | Shrub | Ornamental | 5 |
| 36 | <i>Euphorbia milii</i> | Christ Plant | Euphorbiaceae | Shrub | Ornamental | 6 |
| 37 | <i>Euphorbia pulcherima</i> | Poinsettia | Euphorbiaceae | Shrub | Weed | 45 |
| 38 | <i>Excoecaria cochinchinensis</i> | Chinese Croton | Euphorbiceae | Shrub | Ornamental | 2 |
| 39 | <i>Ficus elastica</i> | Rubber Plant | Moraceae | Shrub | Ornamental | 5 |

| | | | | | | |
|----|--------------------------------------|-------------------------|------------------|-------|------------|----|
| 40 | <i>Galphimia glauca</i> | Golden Shower Flower | Malpighiaceae | Shrub | Medicinal | 4 |
| 41 | <i>Gossypium arboreus</i> | Cotton | Malvaceae | Shrub | Commercial | 5 |
| 42 | <i>Gratophyllum pictum</i> | Caricature Plant | Acanthaceae | Shrub | Ornamental | 6 |
| 43 | <i>Hamelia patens</i> | Fire Brush | Rubiaceae | Shrub | Ornamental | 12 |
| 44 | <i>Haworthia fasciata</i> | Zebra Haworthia | Xanthorrhoeaceae | Shrub | Ornamental | 4 |
| 45 | <i>Hibiscus micranthus</i> | Nityamalli | Malvaceae | Shrub | Ornamental | 8 |
| 46 | <i>Hibiscus rosa sinensis</i> | Mandhara | Malvaceae | Shrub | Ornamental | 36 |
| 47 | <i>Ixora indica</i> | Guthi Puvulu | Rubiaceae | Shrub | Ornamental | 4 |
| 48 | <i>Jasminum multi florum</i> | Winter Jasmine | Oleaceae | Shrub | Ornamental | 2 |
| 49 | <i>Jasminum grandiflorum</i> | Royal Jasmine | Oleaceae | Shrub | Ornamental | 3 |
| 50 | <i>Jasminum sambac</i> | Malli Jasmine | Oleaceae | Shrub | Ornamental | 12 |
| 51 | <i>Jatropha gossypifolia</i> | Physic Nut | Euphorbiaceae | Shrub | Weed | 12 |
| 52 | <i>Justicia adhatoda</i> | Malabarnut | Acanthaceae | Shrub | Medicinal | 2 |
| 53 | <i>Lamium album</i> | White Dead Nettle | Lamiaceae | Shrub | Medicinal | 4 |
| 54 | <i>Lantana camara</i> | Lantana Wild Sage | Verbenaceae | Shrub | Weed | 28 |
| 55 | <i>Lawsonia inersmis</i> | Gorinta | Lythraceae | Shrub | Medicinal | 4 |
| 56 | <i>Lilium candidum</i> | Lilly | Liliaceae | Shrub | Ornamental | 15 |
| 57 | <i>Malvaviscus arboreus</i> | Mainapanandara | Malvaceae | Shrub | Ornamental | 4 |
| 58 | <i>Manihot esculenta</i> | Cassava | Euphorbiaceae | Shrub | Edible | 15 |
| 59 | <i>Mesophaerum suaveolens</i> | Factstreet | Lamiaceae | Shrub | Weed | 5 |
| 60 | <i>Minthostachys verticillata</i> | Peperina | Lamiaceae | Shrub | Medicinal | 5 |
| 61 | <i>Mirabilis jalapa</i> | 4'o Clock Plant | Nyctaginaceae | Shrub | Medicinal | 25 |
| 62 | <i>Monstera adansonii</i> | Swiss Cheese Vine | Araceae | Shrub | Ornamental | 5 |
| 63 | <i>Monstera deliciosa</i> | Swiss Cheese Plant | Araceae | Shrub | Ornamental | 6 |
| 64 | <i>Mussanda philippica</i> | Gharden Drum | Rubiaceae | Shrub | Ornamental | 3 |
| 65 | <i>Nerium oliander</i> | Ganneru | Apocynaceae | Shrub | Ornamental | 8 |
| 66 | <i>Nerium odoratum</i> | Ganneru | Apocynaceae | Shrub | Ornamental | 8 |
| 67 | <i>Ocimum americanum</i> | Kukka Thulasi | Lamiaceae | Shrub | Weed | 5 |
| 68 | <i>Ocimum basilicum</i> | Konda Thulasi | Lamiaceae | Shrub | Weed | 8 |
| 69 | <i>Opuntia humifusa</i> | Prickly Pear | Cactaceae | Shrub | Weed | 5 |
| 70 | <i>Opuntia monacantha</i> | Prickly Pear | Cactaceae | Shrub | Weed | 5 |
| 71 | <i>Parthenium hysterophorus</i> | Vayyaribhama | Asteraceae | Shrub | Weed | 98 |
| 72 | <i>Pavonia zeylanica</i> | Ceylon Swamp | Malvaceae | Shrub | Medicinal | 12 |
| 73 | <i>Pedilanthes tithymaloides</i> | Devil's Back Bone | Euphorbiceae | Shrub | Ornamental | 5 |
| 74 | <i>Plectranthus amboinicus</i> | Mexican Mint | Lamiaceae | Shrub | Medicinal | 8 |
| 75 | <i>Plectranthus medagascariensis</i> | Candle Plant | Lamiaceae | Shrub | Ornamental | 5 |
| 76 | <i>Plumeria pudica</i> | White Frangipani | Apocynaceae | Shrub | Ornamental | 3 |
| 77 | <i>Polyscias fruticosa</i> | Balfour Aralia | Araliaceae | Shrub | Ornamental | 5 |
| 78 | <i>Rauvolfia heterophylla</i> | Sarpa Gandhi | Apocynaceae | Shrub | Medicinal | 1 |
| 79 | <i>Rhapis excelsa</i> | Lady Palmtree | Arecaceae | Shrub | Ornamental | 2 |
| 80 | <i>Ricinus communis</i> | Castar Oil | Euphorbiceae | Shrub | Medicinal | 18 |
| 81 | <i>Rosa alba</i> | White Rose | Rosaceae | Shrub | Ornamental | 4 |
| 82 | <i>Rosa indica</i> | Pink Rose | Rosaceae | Shrub | Ornamental | 5 |
| 83 | <i>Sansevieria trifasciata</i> | Snake Plant | Asparagaceae | Shrub | Ornamental | 6 |
| 84 | <i>Solanum nigrum</i> | Kamanchi | Solanaceae | Shrub | Medicinal | 8 |
| 85 | <i>Solidago canadensis</i> | Golden Rods | Asteraceae | Shrub | Ornamental | 15 |
| 86 | <i>Souropus androgynus</i> | Katuk, Star Goose Berry | Euphorbiceae | Shrub | Ornamental | 5 |
| 87 | <i>Tabernaemontana orientalis3</i> | Nandhivardhanam | Apocynaceae | Shrub | Ornamental | 3 |
| 88 | <i>Tabernaemontana corymbosa</i> | Nandhivardhanam | Apocynaceae | Shrub | Ornamental | 5 |
| 89 | <i>Tabernaemontana divaricata</i> | Nandhivardhanam | Apocynaceae | Shrub | Ornamental | 10 |
| 90 | <i>Tephrosia purpurea</i> | Vempali | Fabaceae | Shrub | Weed | 12 |

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|----|---------------------------------|-------------------------|---------------|-------|------------|----|
| 91 | <i>Thevetia nerifolia</i> | Yellow Oleander | Apocynaceae | Shrub | Ornamental | 5 |
| 92 | <i>Tithonia diversifolia</i> | Tree Marigold | Asteraceae | Shrub | Ornamental | 35 |
| 93 | <i>Tradescantia fluminensis</i> | Wanderer Jew | Commelinaceae | Shrub | Ornamental | 5 |
| 94 | <i>Tradescantia zebrina</i> | Spider Wort | Commelinaceae | Shrub | Ornamental | 8 |
| 95 | <i>Vigna unguiculata</i> | Cow Pea | Fabaceae | Shrub | Edible | 13 |
| 96 | <i>Xanthosoma sagittifolium</i> | Arrow Leaf Elephant Ear | Araceae | Shrub | Ornamental | 5 |
| 97 | <i>Zamioculcus zamiifolia</i> | Zangibar Gem Plant | Araceae | Shrub | Ornamental | 4 |
| 98 | <i>Ziziphus jujuba</i> | Regu | Rhamnaceae | Shrub | Medicinal | 2 |

List of Herbs

| Sl.no | Botanical names | Common names | Family | Habit | Economic use | Number |
|-------|-----------------------------------|--------------------|----------------|-------|--------------|--------|
| 1 | <i>Acalypha lanceolata</i> | Muripinda | Euphorbiaceae | Herb | Medicinal | 156 |
| 2 | <i>Acalypha indica</i> | Muripinda | Euphorbiaceae | Herb | Medicinal | 252 |
| 3 | <i>Aerva lanata</i> | Konda pindiaku | Amaranthaceae | Herb | Weed | 564 |
| 4 | <i>Agave americana</i> | Century plants | Asparagaceae | Herb | Ornamental | 22 |
| 5 | <i>Aglaonema costatum</i> | Chinese ever green | Araceae | Herb | Ornamental | 4 |
| 6 | <i>Aglaonema. Modestum</i> | Chinese ever green | Araceae | Herb | Ornamental | 5 |
| 7 | <i>Allamanda cathartica</i> | Golden trumpet | Apocynaceae | Herb | Ornamental | 4 |
| 8 | <i>Allium cepa</i> | Onion | Liliaceae | Herb | Medicinal | 58 |
| 9 | <i>Alternanthera sessilis</i> | Ponna ganti | Amaranthaceae | Herb | Weed | 263 |
| 10 | <i>Amaranthus spinosus</i> | Mulla thotakura | Amaranthaceae | Herb | Weed | 26 |
| 11 | <i>Amaranthus viridis</i> | Thotakura | Amaranthaceae | Herb | Edible | 52 |
| 12 | <i>Amaryllis balladona</i> | Easter lilly | Amaryllidaceae | Herb | Ornamental | 5 |
| 13 | <i>Amorphophalus campanulatum</i> | Elephant foot yam | Araceae | Herb | Edible | 2 |
| 14 | <i>Andrachne tephrodes</i> | Andrache | Phyllanthaceae | Herb | Weed | 36 |
| 15 | <i>Andrographis paniculata</i> | Nelavemu | Acanthaceae | Herb | Medicinal | 1768 |
| 16 | <i>Anthuricum andraeanum</i> | Painters palette | Araceae | Herb | Ornamental | 6 |
| 17 | <i>Arachis hypogea</i> | Ground nut | Fabaceae | Herb | Edible | 32 |
| 18 | <i>Argemone mexicana</i> | Prickly poppy | Papaveracaceae | Herb | Medicinal | 5 |
| 19 | <i>Artemesia vulgaris</i> | Manchipathri | Asteraceae | Herb | Medicinal | 5 |
| 20 | <i>Arum italicum</i> | Italian arum | Araceae | Herb | Ornamental | 10 |
| 21 | <i>Balsamina impatiens</i> | Chilakamukku | Acanthaceae | Herb | Ornamental | 63 |
| 22 | <i>Biophytum sensitivum</i> | Little tree plant | Oxalidaceae | Herb | Weed | 21 |
| 23 | <i>Boerhaavia diffusa</i> | Atikamamidi | Nyctaginaceae | Herb | Medicinal | 64 |
| 24 | <i>Boerhaavia erecta</i> | Erect boerhaava | Nyctaginaceae | Herb | Medicinal | 22 |
| 25 | <i>Borreria hispida</i> | Shaggy button weed | Rubiaceae | Herb | Weed | 136 |
| 26 | <i>Bryophyllum daigremontiana</i> | Air plant | Crassulaceae | Herb | Ornamental | 5 |
| 27 | <i>Bryophyllum pinnatum</i> | Ranapala | Crassulaceae | Herb | Medicinal | 29 |
| 28 | <i>Brassica nigra</i> | Mustard | Brassicaceae | Herb | Medicinal | 4 |
| 29 | <i>Chrysanthemum morifolium</i> | Florists daisy | Asteraceae | Herb | Ornamental | 3 |
| 30 | <i>Coleus scutellarioides</i> | Coleus | Lamiaceae | Herb | Ornamental | 5 |
| 31 | <i>Cajanus cajan</i> | Red gram | Fabaceae | Herb | Edible | 28 |
| 32 | <i>Calathea mageristica</i> | Striped canna | Marantaceae | Herb | Ornamental | 3 |
| 33 | <i>Calathea orbifolia</i> | Prayer plant | Marantaceae | Herb | Ornamental | 2 |
| 34 | <i>Calyptrocarpus vialis</i> | Straggler baisy | Asteraceae | Herb | Weed | 15 |
| 35 | <i>Capsicum annum</i> | Mirchi | Solanaceae | Herb | Edible | 12 |
| 36 | <i>Cardiospermum helicacabum</i> | Ballon vine | Sapindaceae | Herb | Weed | 3 |
| 37 | <i>Celosia argentea</i> | Silver cock's comb | Amaranthaceae | Herb | Weed | 4 |
| 38 | <i>Celosia cristata</i> | Cocks comb | Amaranthaceae | Herb | Ornamental | 4 |

| | | | | | | |
|----|---------------------------------|------------------------|-----------------|------|------------|------|
| 39 | <i>Centella asiatica</i> | Saraswathiaku | Apiaceae | Herb | Medicinal | 8 |
| 40 | <i>Chloris barbata</i> | Wind mill grass | Poaceae | Herb | Weed | 126 |
| 41 | <i>Cleome chelidonii</i> | Spider flower | Capparidaceae | Herb | Weed | 4 |
| 42 | <i>Cleome gynandra</i> | Stinkweed, spider wisp | Capparidaceae | Herb | Weed | 35 |
| 43 | <i>Cleome viscosa</i> | Kukka vominta | Capparidaceae | Herb | Medicinal | 48 |
| 44 | <i>Codiaeum variegatum</i> | Croton | Euphorbiaceae | Herb | Medicinal | 12 |
| 45 | <i>Coleus ambonicus</i> | Mexican mint | Lamiaceae | Herb | Medicinal | 13 |
| 46 | <i>Coleus blumei</i> | Painted nettle | Lamiaceae | Herb | Ornamental | 5 |
| 47 | <i>Colocasia esculenta</i> | Cocoyam | Araceae | Herb | Edible | 4 |
| 48 | <i>Commelinia benghalensis</i> | Day flower | Commelinaceae | Herb | Medicinal | 98 |
| 49 | <i>Convolvus arvensis</i> | Field bind weed | Convolvulaceae | Herb | Weed | 25 |
| 50 | <i>Coreopsis verticillata</i> | Golden coreopsis | Asteraceae | Herb | Ornamental | 3 |
| 51 | <i>Coriandrum sativum</i> | Dhaniya | Apiaceae | Herb | Spices | 47 |
| 52 | <i>Cosmos bipinnatus</i> | Yellow cosmos | Asteraceae | Herb | Ornamental | 73 |
| 53 | <i>Cosmos sulphureus</i> | Cosmos | Asteraceae | Herb | Ornamental | 25 |
| 54 | <i>Crassula ovata</i> | Jade plant | Crassulaceae | Herb | Ornamental | 4 |
| 55 | <i>Crinum asiaticum</i> | Spider lilly | Amaryllidaceae | Herb | Ornamental | 2 |
| 56 | <i>Croton bonplandianum</i> | Galivana mokka | Euphorbiaceae | Herb | Medicinal | 12 |
| 57 | <i>Cyamopsis tetragonoloba</i> | Guvar bean | Fabaceae | Herb | Edible | 4 |
| 58 | <i>Cyanthillium cinereum</i> | Little iron weed | Asteraceae | Herb | Weed | 21 |
| 59 | <i>Cymbopogon citratus</i> | Lemon grass | Poaceae | Herb | Medicinal | 5 |
| 60 | <i>Cynodon dactylon</i> | Durvagrass | Poaceae | Herb | Medicinal | 19 |
| 61 | <i>Cyperus rotundus</i> | Nut grass | Poaceae | Herb | Medicinal | 56 |
| 62 | <i>Cyperus triceps</i> | Nut grass | Poaceae | Herb | Weed | 34 |
| 63 | <i>Dactyloctenium agyptium</i> | Foot grass | Poaceae | Herb | Weed | 25 |
| 64 | <i>Desmodium gangeticum</i> | Salparni | Fabaceae | Herb | Weed | 18 |
| 65 | <i>Desmodium paniculatum</i> | Panicled tick clover | Fabaceae | Herb | Ornamental | 5 |
| 66 | <i>Desmodium triflorum</i> | Creeping tick trefoil | Fabaceae | Herb | Weed | 21 |
| 67 | <i>Dianthus barbatus</i> | Sweet william | Caryophyllaceae | Herb | Ornamental | 21 |
| 68 | <i>Diffenbachia camilla</i> | Dumb cane | Araceae | Herb | Ornamental | 6 |
| 69 | <i>Diffenbachia maculata</i> | Dumb cane | Araceae | Herb | Ornamental | 5 |
| 70 | <i>Diffenbachia seguine</i> | Dumb cane | Araceae | Herb | Ornamental | 6 |
| 71 | <i>Dracaena mahatma</i> | Gundu malli | Liliaceae | Herb | Ornamental | 5 |
| 72 | <i>Dracaena sanderiana</i> | Lucky bamboo | Asparagaceae | Herb | Ornamental | 8 |
| 73 | <i>Draceana fragans</i> | Snap dragon | Liliaceae | Herb | Ornamental | 4 |
| 74 | <i>Echinochloa colona</i> | Jungle rice | Poaceae | Herb | Weed | 86 |
| 75 | <i>Eclipta alba</i> | Gunta kalagaraku | Asteraceae | Herb | Medicinal | 62 |
| 76 | <i>Epiphyllum oxypetalum</i> | Pipe cactus | Cactaceae | Herb | Ornamental | 8 |
| 77 | <i>Eragrostis tanella</i> | Japanese love grass | Poaceae | Herb | Weed | 129 |
| 78 | <i>Ericameria nauseosa</i> | Rubber rabbit fresh | Asteraceae | Herb | Weed | 48 |
| 79 | <i>Erogrostis tenella</i> | Bunch grass | Poaceae | Herb | Weed | 198 |
| 80 | <i>Euphorbia hirta</i> | Asthma plant | Euphorbiaceae | Herb | Medicinal | 1129 |
| 81 | <i>Euphorbia thirukallii</i> | Pencil tree | Amaranthaceae | Herb | Weed | 4 |
| 82 | <i>G. decumbens</i> | Bachelor button | Amaranthaceae | Herb | Ornamental | 4 |
| 83 | <i>Gailardia pulchilla</i> | Rose ring | Asteraceae | Herb | Ornamental | 21 |
| 84 | <i>Geophila repens</i> | Geophila | Rubiaceae | Herb | Weed | 69 |
| 85 | <i>Geophila herbacea</i> | Geophila | Rubiaceae | Herb | Ornamental | 8 |
| 86 | <i>Gerbera jamesonii</i> | Gerbera | Asteraceae | Herb | Ornamental | 24 |
| 87 | <i>Gomphrena globosa</i> | Globe amaranth | Amaranthaceae | Herb | Weed | 145 |
| 88 | <i>Gomphrena serrata</i> | Globe amaranth | Amaranthaceae | Herb | Ornamental | 5 |
| 89 | <i>Gynandropsis pentaphylla</i> | Vominta | Capparidaceae | Herb | Medicinal | 78 |
| 90 | <i>Haemanthus multiflorus</i> | Blood lilly | Amaryllidaceae | Herb | Ornamental | 3 |

| | | | | | | |
|-----|------------------------------------|-----------------------------|------------------|------|--------------|-----|
| 91 | <i>Helianthus annus</i> | Sunflower | Asteraceae | Herb | Ornamental | 4 |
| 92 | <i>Heliotropium indicum</i> | Nagadanthi | Boraginaceae | Herb | Medicinal | 19 |
| 93 | <i>Hippeastrum striatum</i> | Striped barbados lilly | Amaryllidaceae | Herb | Ornamental | 4 |
| 94 | <i>Hybanthus enneaspermus</i> | Hump back flower | Violaceae | Herb | Medicinal | 4 |
| 95 | <i>Justicia procumbens</i> | Water willow | Acanthaceae | Herb | Weed | 31 |
| 96 | <i>Kalanchoe blossfeldiana</i> | Red kalanchoe | Crassulaceae | Herb | Ornamental | 15 |
| 97 | <i>Kalanchoe daigremontiana</i> | Mother of millions | Crassulaceae | Herb | Ornamental | 8 |
| 98 | <i>Lepidium ruderale</i> | Pepper grass | Brassicaceae | Herb | Weed | 5 |
| 99 | <i>Leucas aspera</i> | Thummi | Lamiaceae | Herb | Medicinal | 23 |
| 100 | <i>Lippia nodiflora</i> | Frog fruit | Verbenaceae | Herb | Weed | 36 |
| 101 | <i>Ludwigia octovalvis</i> | Mexican primrose willow | Onagraceae | Herb | Weed | 53 |
| 102 | <i>Lycopersicum esculentum</i> | Tomato | Solanaceae | Herb | Edible | 28 |
| | <i>Malvastrum coromandelianum</i> | Threelobe false mallow | Malvaceae | Herb | Weed | 15 |
| 104 | <i>Mammillaria spinosus</i> | Round ball lilly | Cactaceae | Herb | Ornamental | 3 |
| 105 | <i>Merremia tridentata</i> | Merrimia | Convolvulaceae | Herb | Medicinal | 64 |
| 106 | <i>Mimosa pudica</i> | touch me not | Mimosaceae | Herb | Weed | 289 |
| 107 | <i>Nephrolepis bisserata</i> | Fern | Nephrolepidaceae | Herb | Ornamental | 4 |
| 108 | <i>Nephrolepis cordifolia</i> | Narrow sword fern | Nephrolepidaceae | Herb | Ornamental | 5 |
| 109 | <i>Nephrolepis exalta</i> | Sword fern (or) boston fern | Nephrolepidaceae | Herb | Ornamental | 4 |
| 110 | <i>Ocimum sanctum</i> | Basil | Lamiaceae | Herb | Medicinal | 15 |
| 111 | <i>Oldenlandia umbellata</i> | Diamond flower | Rubiaceae | Herb | Weed | 56 |
| 112 | <i>Origanum majorana</i> | Maruvam | Lamiaceae | Herb | Medicinal | 2 |
| 113 | <i>Panicum repens</i> | Torpedo grass | Poaceae | Herb | Weed | 89 |
| 114 | <i>Pentas lanceolata</i> | Pentas plant | Rubiaceae | Herb | Ornamental | 4 |
| 115 | <i>Perilla frutescens</i> | Beef steak | Lamiaceae | Herb | Edible seeds | 4 |
| 116 | <i>Petunia alba</i> | Petunia | Solanaceae | Herb | Ornamental | 22 |
| 117 | <i>Petunia integrifolia</i> | Petunia | Solanaceae | Herb | Ornamental | 10 |
| 118 | <i>Philodendron hederaceum</i> | Heart leaf | Arecaceae | Herb | Ornamental | 2 |
| 119 | <i>Phyllanthus maderaspatensis</i> | Muripinda | Euphorbiaceae | Herb | Ornamental | 78 |
| 120 | <i>Phyllanthus niruri</i> | Nela usiri | Euphorbiaceae | Herb | Medicinal | 96 |
| 121 | <i>Physalis peruviana</i> | Periviana groun cherry | Solanaceae | Herb | Weed | 10 |
| 122 | <i>Plectranthus rotundifolius</i> | Chinese potato | Lamiaceae | Herb | Edible | 5 |
| 123 | <i>Plumbago zeylanica</i> | Chitramulamu | Plumbaginaceae | Herb | Medicinal | 27 |
| 124 | <i>Polygonum plebeium</i> | Knot weed | Polygonaceae | Herb | Weed | 15 |
| 125 | <i>Portulaca oleracea</i> | Elephant leaf | Portulacaceae | Herb | Weed | 89 |
| 126 | <i>Portulacaria afra</i> | Jade plant | Portulaceae | Herb | Ornamental | 3 |
| | <i>Pseudoranthemum reticulatum</i> | Chukka malli | Acanthaceae | Herb | Ornamental | 4 |
| 128 | <i>Pyrostegia venusta</i> | Flame wine | Bignoniaceae | Herb | Ornamental | 4 |
| 129 | <i>Ruellia tuberosa</i> | Water kanon | Acanthaceae | Herb | Weed | 178 |
| 130 | <i>Rumex acetosa</i> | Chukkakura | Polygonaceae | Herb | Edible | 15 |
| 131 | <i>Schefflera actinophylla</i> | Australian cabbage tree | Araliaceae | Herb | Ornamental | 3 |
| 132 | <i>Sedum album</i> | Stone crop | Crassulaceae | Herb | Ornamental | 4 |
| 133 | <i>Senecio vulgaris</i> | Ground sel | Asteraceae | Herb | Weed | 54 |
| 134 | <i>Sesamum indicum</i> | Nuvvulu | Pedaliaceae | Herb | Edible | 4 |
| 135 | <i>Setaria intermedia</i> | Green fox tail | Poaceae | Herb | Weed | 198 |
| 136 | <i>Sida acuta</i> | Wire weed | Malvaceae | Herb | Medicinal | 46 |
| 137 | <i>Sida cordifolia</i> | Chirubeenda | Malvaceae | Herb | Medicinal | 58 |
| 138 | <i>Solanum melogina</i> | Brinjal | Solanaceae | Herb | Edible | 10 |
| 139 | <i>Solanum xanthocarpum</i> | Kantakari | Solanaceae | Herb | Medicinal | 15 |
| 140 | <i>Sonchus asper</i> | Rough milk thistle | Asteraceae | Herb | Weed | 5 |
| 141 | <i>Sonchus oleraceus</i> | Milk thistle | Asteraceae | Herb | Weed | 15 |

| | | | | | | |
|-----|---------------------------------|----------------------|----------------|------|------------|------|
| 142 | <i>Spathiphyllum wallisi</i> | Peace lilly | Araceae | Herb | Ornamental | 5 |
| 143 | <i>Syngonium podophyllum</i> | Arrow head vine | Araceae | Herb | Ornamental | 5 |
| 144 | <i>Tagetus patula</i> | Banthi | Asteraceae | Herb | Ornamental | 25 |
| 145 | <i>Thalictrum dioicum</i> | Early meadow | Ranunculaceae | Herb | Medicinal | 15 |
| 146 | <i>Tradescantia pallida</i> | Spider wort | Commelinaceae | Herb | Ornamental | 7 |
| 147 | <i>Tradescantia spathacea</i> | Rheodiscotor | Commelinaceae | Herb | Ornamental | 8 |
| 148 | <i>Tridax procumbens</i> | Gaddichamathi | Asteraceae | Herb | Weed | 1125 |
| 149 | <i>Trifolium repens</i> | Ladino clover | Fabaceae | Herb | Weed | 24 |
| 150 | <i>Trigonella foenumgraecum</i> | Fenugreek | Fabaceae | Herb | Medicinal | 23 |
| 151 | <i>Turnera ulmifolia</i> | Yellow alder | Turneraceae | Herb | Weed | 34 |
| 152 | <i>Verbena bipinnatifida</i> | Prairie plant | Verbenaceae | Herb | Ornamental | 6 |
| 153 | <i>Vernonia cinerea</i> | Iron weed | Asteraceae | Herb | Weed | 534 |
| 154 | <i>Vicia tetrasperma</i> | Lentil wetch | Fabaceae | Herb | Weed | 15 |
| 155 | <i>Waltheria indica</i> | Sleepy morning | Malvaceae | Herb | Weed | 28 |
| 156 | <i>Zinnia. Angustifolia</i> | Narrow leaves zinnia | Asteraceae | Herb | Ornamental | 21 |
| 157 | <i>Zinnia elegans</i> | Zinnia | Asteraceae | Herb | Ornamental | 31 |
| 158 | <i>Zinnia.acerosa</i> | Desert zinnia | Asteraceae | Herb | Ornamental | 23 |
| 159 | <i>Zea mays</i> | Maize | Poaceae | Herb | Edible | 23 |
| 160 | <i>Zephyranthes rosea</i> | Zepher lilly | Amaryllidaceae | Herb | Ornamental | 4 |
| 161 | <i>Zingiber officinalis</i> | Zinger | Zingiberaceae | Herb | Edible | 10 |

List of Creepers

| Sl.no | Botanical names | Common names | Family | Habit | Economic use | Number |
|-------|----------------------------------|-------------------------|----------------|-----------|--------------|--------|
| 1 | <i>Antigonon leptopus</i> | Coral vine | Nyctaginaceae | Creeper | Ornamental | 1 |
| 2 | <i>Asystasia gangetica</i> | Ganges prim rose | Acanthaceae | Vine | Weed | 4 |
| 3 | <i>Basella alba</i> | Indian spinach | Basellaceae | Creeper | Edible | 18 |
| 4 | <i>Clemates vitalba</i> | Bridal bouquet | Ranunculaceae | Creeper | Ornamental | 2 |
| 5 | <i>Clematis terniflora</i> | Bridal bouquet | Ranunculaceae | Creeper | Ornamental | 2 |
| 6 | <i>Clitoria ternatea</i> | Cordo fan pea | Fabaceae | Twiner | Medicinal | 5 |
| 7 | <i>Coccinia indica</i> | Dhonda | Cucurbitaceae | Creeper | Edible | 3 |
| 8 | <i>Cocculus hirsutus</i> | Carolina, coral bead | Minespermaceae | Vine | Weed | 13 |
| 9 | <i>Cucumis sativum</i> | Dosa | Cucurbitaceae | Creeper | Edible | 2 |
| 10 | <i>Daemia extensa</i> | Dustapu theega | Asclepiadaceae | Creeper | Medicinal | 2 |
| 11 | <i>Dichondra micrantha</i> | Kidney weed | Convolvulaceae | Creeper | Weed | 68 |
| 12 | <i>Dolichos lablab</i> | Beans | Fabaceae | Twiner | Edible | 4 |
| 13 | <i>Epipremnum aureum</i> | Money plant, devils ivy | Araceae | Climber | Ornamental | 10 |
| 14 | <i>Epipremnum pinnatum</i> | Centipede tangavine | Araceae | Climber | Ornamental | 4 |
| 15 | <i>Ipomoea batatas</i> | Sweet potato | Convolvulaceae | Creeper | Edible | 2 |
| 16 | <i>Jasminum.officinalis</i> | Sannajaji | Oleaceae | Straggler | Ornamental | 2 |
| 17 | <i>Momordica charantia</i> | Kakara | Cucurbitaceae | Creeper | Edible | 3 |
| 18 | <i>Passiflora edulis</i> | Purple passion fruit | Passifloraceae | Vine | Ornamental | 2 |
| 19 | <i>Piper betle</i> | Betel leaf | Piperaceae | Creeper | Edible | 5 |
| 20 | <i>Portulaca grandiflora</i> | Moss rose | Portulacaceae | Creeper | Ornamental | 5 |
| 21 | <i>Quamoclit pinnata</i> | Kasiratnam | Convolvulaceae | Creeper | Ornamental | 2 |
| 22 | <i>Quisqualis indica</i> | Radha manoharam | Combretaceae | Twiner | Ornamental | 2 |
| 23 | <i>Tinospora cordifolia</i> | Thippa theega | Menispermaceae | Creeper | Medicinal | 15 |
| 24 | <i>Trianthema portulacastrum</i> | Desert horse, | Aizoaceae | Creeper | Medicinal | 534 |

| | | | | | |
|----|----------------------|-------------|----------------|---------|------------|
| | | purse lane | | | |
| 25 | Tribulus terrestris | Palleru | Zygophyllaceae | Creeper | Medicinal |
| 26 | Viburnum lantinoides | Hobble bush | Adoxaceae | Twiner | Ornamental |

Water Quality Certificate



VJ LABORATORIES

analytical Chemists, Surveyors & assayers



TEST CERTIFICATE

Cert No: 0035/2019-20

20.04.2019

**1. PARTICULARS OF SAMPLES
SUBMITTED BY**

: ST ANN'S COLLEGE
MALKAPURAM, VISAKHAPATNAM.

 a) Nature of Sample(s) : Sample(s) submitted by the party and said to be R.O Water
 b) Date of collection : On 17.04.2019
 c) Regd. No(s) & Date : 0108 & 17.04.2019
 d) Marks (as provided) : ---

TEST RESULTS

| S.NO | PARAMETER | UNIT | RESULT |
|------|-------------------------------------|------|--------|
| 1 | pH | | 5.92 |
| 2 | Total Dissolved Solids | mg/l | 43 |
| 3 | Total Hardness as CaCO ₃ | mg/l | 10 |
| 4 | Iron as Fe | mg/l | 0.02 |
| 5 | Fluorides as F | mg/l | <0.01 |



For VJ Laboratories,
[Signature]

NOTE: The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days for submitted / plot samples and 90 days for shipment samples from the date of issue of test report, unless specified by the Customer. The total moisture analyzed samples, water samples, submitted quartz & agri samples will be disposed after completion of analysis. This Test Report cannot be re-produced, except in full, without prior written approval of the company. This Test Report is issued by the Company subject to its General conditions of service available upon request.

The information stated in this report (or Certificate) is derived from the results of inspection of testing procedures carried out in accordance with the instructions of our clients, and / or our assessment of such results on the basis of any Technical standards, Trade Custom or Practice, of the other circumstances which should in our professional opinion be taken into account

Energy Management

| S.N o | Rooms | Fans | LED Bulbs | Tubelights | Others |
|----------|--------------------------------|------------------|--------------|------------------|--|
| 1 | College Entrance gate | | | 1 bulb, 60 watts | |
| 2 | Office room | 6 | 2 | 4 | 4 desktops, 2 printers, 1 invertor, 1 xerox machine, 1 small wall fan, 1 mike system |
| 3 | Principal Room | 2 | 8 | | |
| 4 | Correspondent room | 1 | | 2 | Fridge (LG) |
| 5 | Junior College Principal Room | 1 | 1 | | 1 |
| 6 | Principal washroom Room | | | | 1 |
| 7 | Varenda | | 1 | | 1 |
| 8 | Stationary | | | | 1 |
| 9 | Reception and parlour | 1F, 1SF | 1 | 1 | LED TV |
| 10 | Varenda steps | | | | 1 |
| 11 | II Bi.P.C | 4 | 1 | | 1 |
| 12 | I M.P.C | 4 | 1 | | 1 |
| 13 | I Bi.P.C | 5 | 1 | | 1 |
| 14 | II M.P.C | 3 | 2 | | |
| 15 | I M.L.T | 3 | 1 | | |
| 16 | II C.E.C | 4 | 1 | | Speakers 3 |
| 17 | I H.E.C | 3 | | | 1 |
| 18 | Computer Lab | 3 | | 4 | 1 LED TV, CC Camera - 2, 30 Tabs, 1 Projector, 1 Speaker, 1 Modem, 1 CPU, 30 laptops |
| 19 | Computer Lab | | 1 | 4 | CC Camera - 2, 2 batteries, 15 desktops, printer, 1 Invertor, 2 Speakers |
| 20 | Varenda | | | | 1 |
| 21 | Gents washroom | 1 | | | 1 |
| 22 | Store room & Sports room | | 1 | | |
| 23 | Hall | | | 60 Watts bulb | |
| 24 | Physics Lab | 1 | 1 | 1 | 1 - CC Camera |
| 25 | Degree chemistry lab | Wall fan - 1, 3F | | 8 | CC Camera - 1, Hot air - 2, Gas cylinder, stove |
| 26 | Varenda | | 1 | | 1- Biometric, 2 speakers |
| 27 | Students washroom | | | | 2 |
| 28 | Inter chemistry lab | Wall fan-1, 2F | | 4 | CC Camera - 1, Gas cylinder, stove |
| 29 | Microbiology and Biotechnology | Wall fan-1, 2F | 1 | 3 | Hot air ovens - 3, Autoclave - 1 |
| 30 | Biochemistry, chemistry lab | Wall fan-1, 2F | 1 | 3 | Hot air ovens - 2 |
| 31 | Steps | | | | 1 |
| 32 | Seminar hall | 14 | | 5 | Mike - 1, CC Camera - 1, Speaker - 3 |
| 33 | BA 2nd year | 2 | 1 | | |
| 34 | I B.Sc. CBZ/MB/BT | 4 | | 1 | |
| 35 | I B.Sc. MPC/MSCS | 4 | | 1 | |

| | | | | | |
|----|-------------------|---|----|---------------|--|
| 36 | II B.Sc. | 5 | | 1 | |
| 37 | III B.Sc. | 4 | | 1 | |
| 38 | I B.Com | 5 | | 1 | |
| 39 | Varenda | | | | 3 speakers, water cooler |
| 40 | Staff room | 4 | | 1 | |
| 41 | III B.Com | 5 | | 1 | |
| 42 | I B.A | 2 | | 1 | |
| 43 | II B.A | 3 | | 1 | |
| 44 | II B.Com | 4 | 1 | | |
| 45 | Washroom | | | 2 | |
| 46 | Varenda | | | | 3 speakers |
| 47 | Degree Botany lab | 3 | | 2 | |
| 48 | Inter Botany lab | 1 | | 4 | |
| 49 | Zoology lab | 1 | 1 | 3 | |
| 50 | I MPHW | 1 | | 1 | 1 Centrifuge, 1 Autoclave, 1 hot air oven |
| 51 | II MPHW | 3 | | | |
| 52 | Library | 4 | | 3 | Small wall fan -1, CC Camera - 1 |
| 53 | II HEC | 5 | | 2 | |
| 54 | I CEC | 5 | | 2 | |
| 55 | I MLT | 3 | | 2 | |
| 56 | Varenda | | | 6 Watt bulb | 1 Speaker |
| 57 | Prayer room | 3 | | 2 | |
| 58 | Seminar Hall | 7 | 6 | 60 Watts bulb | Projector - 1 |
| 59 | I CBZ | 7 | 5 | 60 Watts bulb | |
| 60 | II CBZ | 7 | 5 | 60 Watts bulb | |
| 61 | Conference room | 9 | 9 | 60 Watts bulb | |
| 62 | Varenda | | | 3 | Speakers 2 |
| 63 | Computer Lab | 8 | | 2 | AC-3, Desktops-30,CPU -30,Mouse - 30, Projector -1 |
| 64 | I CSE | 5 | | 2 | |
| 65 | II CSE | 5 | | 2 | |
| 66 | I MPHW | 5 | | 2 | |
| 67 | Counselling room | 2 | | 2 | |
| 68 | III CBZ | 3 | | 2 | |
| 69 | Common room | 3 | | 2 | |
| 70 | Varenda | | | 1 | |
| 71 | Washrooms (New) | 9 | 11 | 40 Watts bulb | Speakers -2, Exhause fans - 2, fans 2 |
| 72 | Canteen | 2 | 2 | 3 | Printer, water cooler, CC Camera |

| Totals | Number |
|-----------------------|---------------|
| Fans | 200 |
| Exhaust fans | 16 |
| Small wall fans | 6 |
| LED Bulbs | 65 |
| LED round Bulbs | 46 |
| Tubelights | 97 |
| Fridges | 2 |
| Printers | 2 |
| Water coolers | 2 |
| Projectors | 3 |
| ACs | 6 |
| laptops | 30 |
| Desktops | 49 |
| Tabs | 30 |
| Hot air ovens | 8 |
| CC Cameras | 10 |
| Xerox machine | 1 |
| Inverters | 2 |
| Gas stove & cylinders | 4 |
| Mike system | 2 |
| speakers | 2 |
| LED TV | 2 |

Identification of plants in the campus









Birds in the campus







Solar Panels

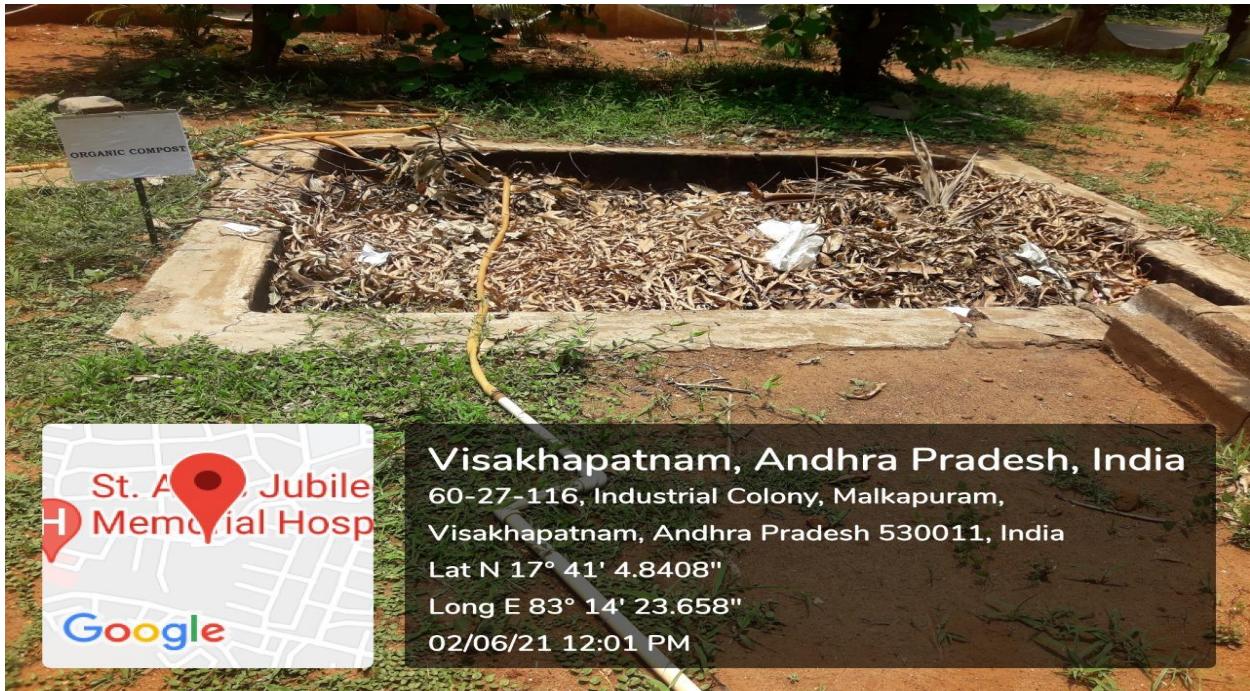




Vermi Compost Pit



Organic Compost pit



Rain Water Harvesting System





PRESENTED BY:-

G. ADISESHU
(CO ORDINATOR)
DEPARTMENT OF BOTANY
ST. ANN'S COLLEGE FOR WOMEN