# Bhilai Mahila Mahavidyalaya

Hospital Sector, Bhilai Nagar (C.G.)
NAAC accredited 'B' grade
Affiliated to Hemchand Yadav Durg, University Durg (C.G.)
Recognized Under Section 2(f) and 12(b) of UGC Act 1956
Run by Bhilai Education Trust
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# GREEN AUDIT REPORT

# 2015-2020

# Green Audit Report

Year : 2015 – 2020

| | | |
|---|---|---|
| Project Report Title | - | Green Audit |
| Client Name | - | Bhilai Mahila Mahavidyalaya, Bhilai |
| Location | - | Botanical Garden<br>Bhilai Mahila Mahavidyalaya, Bhilai<br>Distt. Durg – 490009 |
| Date of Audit | - | 01.06.2020 |
| Green Audit done by | - | Green Audit team Bhilai Mahila Mahavidyalaya Bhilai |

## Team Green Audit(2015-16)

**Internal committee**

Principal – Dr. Zehra Hasan
In charge IQAC –Dr. S. Mene
HOD Botany-Dr. S. Mene
Member-Dr. pratiksha pandey
Dr. Bhawana pandey
Ms. Salma Mohammad Safi
Mrs. Barna Majumdar
Ms. Deepti Chauhan
Mrs. A. sahu

**External committee**

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R.K. Sharma, Assistant incharge Hoticulture, Bhilai Steel Plant, Bhiali

## Team Green Audit(2016-17)

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## Team Green Audit(2017-18)

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## Team Green Audit(2018-19)

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**Team Green Audit(2019-20)**

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## Acknowledgement

Our special thanks to Dr. Avinash Lall principal, Govt. Atal Bihari Bajpai College, Pandatarai, Distt. Kabirdham (C.G.) for their co-operation and carryout the green audit on time.
We are thankful to Dr. N.K. Jain DGM Horticulture , Bhilai Steel Plant for them support for carrying out this green audit.

We are grateful to Shri Rajesh Kumar Sharma, Assistant in charge Horticulture Department, Maitri Garden, Bhilai.

Our thanks to Dr. Sandhya Madan Mohan, Principal, Bhilai Mahila Mahavidyalaya, Bhilai for their kinds support and encouragement.

Our special thanks to Mrs. Anita Narula, IQAC Incharge, Bhilai Mahila Mahavidyalaya, Bhilai.We are grateful to team green audit for their hard work and co-operation for the completion of green audit in Bhilai Mahila Mahavidyalaya Bhilai.

## Go Green

The College had a humble start in 1979. with just two faculties of Science and Home Science run in the two rooms of a local girls school run by Bhilai Steel Plant, with a handful of students, four teachers and a Principal. The foundation of college building was laid by the Honourable Chief Minister of Madhya Pradesh Shri Virendra Kumar Sakhlecha on 3rd Nov, 1978 . The college shifted to its present independent, self contained building constructed on an area of 14 acres of land given by Bhilai Steel Plant situated on the main route between the township of Bhilai and

Durg, which is easily accessible even to the students commuting by the public transport. Monitored and guided by the Bhilai Education Trust, Pt. Ravishankar Shukla University, Raipur and presently under affiliation of Hemchand yadav University, Durg , Department of Higher Education, Govt. of Chhattisgarh, Raipur and supported by the tireless efforts and efficiency of the dedicated staff and talented students, the institution has grown from a tiny sapling to a mighty tree, with its deep roots and branches spread over diversified fields of activities. In the span of these three decades and more, the strength of students has gone up to almost 1800 and that of the staff to almost 100. The college is recognized under Section2 (f) and 12(B) of the UGC Act, 1956.

Environmental Issues & problems undermine the sustainable economy of the cities, beside Cities with bad living standards for society are opened to social and political instability environmental protection is very essential element for sustainable urban management. Urban greenery is one kind of natural resources of any institution. Vegetation has health and aesthetic importance for human being beautifies in institute, cities and our planet. Green audit is most efficient and ecological way to solve the various environmental issues and problems. Green audit can be defined as systematic identification, anaylitical measurement of plant species including tree, shrubs, herbs, seasonal plants and surrounding flora and fauna. “Green Audit” term is known by another name environmental auditing. There is a provision of green audit in college campus.

After first cycle of NAAC in the month of September 2015 college was established a formal Green Audit Committee to developed eco-friendly environment and take care the Mother Nature surrounding in college campus.

## Objectives:-

The main objectives of green audit are –

1. To aware students to real concerns of environment and its Sustainability.
2. To identify the plant spp. and their uses.
3. General information regarding plant, their utility and importance.
4. To prepare a present status of environment compliance.

## Methodology

Bhilai Mahila Mahavidyalaya, Bhilai is one of the leading Girls college in twin city,
The green audit plan was started in September 2015 to till date. The physical status of plants i.e. healthy, diseased, medicinal and ethno-botanical values were recorded and maintained by dept. of Botany. Waste management, biodiversity status of the flora fauna of college premises preparation of composed is our specialty of green audit .

Following study area were covered for auditing –

a. Ethenomedicinal zone
b. Fruit giving trees/shrubs
c. Vegetable zone
d. Campus surrounding education department
e. Hostel area
f. In front of auditorium

## Activities for green campus

| S.No | Year of plantation | Activities and location in campus | Plant species |
|---|---|---|---|
| 1 | 2015-2016 | 1.Plantation in memories of swajan by staff members of BMM<br>2.plantation of donated medicinal plants by rajaya aushadhi plants Board Patan | Ashoka tree Asperagus, giloy,sarpgandha etc. |
| 2 | 2016-2017 | Plantation in hostel premises by NSS | Areca palm |
| 3 | 2017-2018 | Enhance the ethenobotanical zone in botanical garden | Haldi ,Jama , Rosa,Aswagandha ,kali musli |
| 4 | 2018-2019 | Cycas plantation in open spaces | cycas |
| 5 | 2019-2020 | 1. Munga plantation inspired by Harihar Chhattisgarh CM yojna<br>2. Plantation by NSS in trenching ground | Munga<br><br>Gulmohar |

**Total no. of plant species -4083**

Eco-friendly activities going on the campus –

1. Maintenance and caring of the trees around the campus.
2. Timely dispose of waste from the campus.
3. Celebration of various important day with students and faculties e.g. world environment day, world conservation day.
4. A "Samridhi Green Bank" is formed for selling and gifting plants with pots with the help of gardeners.
5. Plantation programme by staff NSS alumni.
6. Cleaning and eradication of unwanted weed flora.
7. Regular visit of botanical garden with botany students to understand the morphology and various aspects of plants and mother nature.

## Proposed plan –

1. To make a green zone in B.Ed. premises.
2. Make a green zone around hostel.
3. Plantation in front of college canteen area.
4. Ornamental trees will be planted around college boundary wall.
5. To improve the medicinal, herbal zone in Botanical Garden.
6. Improve the waste management practices.
7. Maintain the biodiversity of flora fauna of the college campus .
8. To make the organic compost by fallen leaves, decomposed plant materials .

**Table 01:- Plant diversity growing in in the Bhilai Mahila Mahavidyalaya Campus of Durg district of Chhattisgarh (India)**

| S.No. | Botanical name | Local Name | Family |
|---|---|---|---|
| 1. | ***Acalypha indica* L.** | **Achalyfa** | **Euphorbiaceae** |
| 2. | ***Achras sapota* L.** | **Cheeku** | **Sapotaceae** |
| 3. | ***Achyranthus aspera L*.** | **Latjeera** | **Amaranthaceae** |
| 4. | ***Aegle marmelos*L.** | **Bel** | **Rutaceae** |
| 5. | ***Ageratum conyzoides* L.** | **Goat weed** | **Asteraceae** |
| 6. | ***Albizia lebbeck* L.** | **Siris** | **Mimosoideae(Fabaceae)** |
| 7. | ***Allamanda blanchetii* A. Dc** | **Brazilianred wine** | **Apocynaceae** |
| 8. | ***Aloe barbendis* Mill** | **Aloe** | **Liliaceae** |
| 9. | ***Aloe vera* L.** | **Dhratkumari** | **Liliaceae** |
| 10. | ***Alstonia scholaris* L.** | **Saptaparni** | **Apocynaceae** |
| 11. | ***Alternanthera sessilis* L.** | **Joy Weed** | **Amaranthaceae** |
| 12. | ***Alysicarpus rugosu* (Willd)D.C** | **Fula-Pullar** | **Papilionaceae(Fabaceae)** |
| 13. | ***Alysicarpus rugosu* D.C** | **Chuli, Sauri(Alyce Clover)** | **Papilionaceae** |
| 14. | ***Anacardium occidentale* Linn.** | **Kaju(Cashew)** | **Annacardaceae** |
| 15. | ***Andrographis peniculata* Ness** | **Kalmegh** | **Acantaceae** |
| 16. | ***Annona reticulate* L.** | **Ramfal** | **Annonaceae** |
| 17. | ***Annona squamosa* L.** | **Sitafal(Custard Apple)** | **Annonaceae** |
| 18. | ***Anthocephalus chinensis* Miq.** | **Kadam** | **Rubiaceae** |
| 19. | ***Arachis hypogeal* L.** | **Groundnut** | **Papilionaceae** |
| 20. | ***Araucaria sps*** | **Christmas tree** | **Araucariaceae** |
| 21. | ***Argemone maxicana* Linn.** | **Pili Kateli** | **Papaveraceae** |
| 22. | ***Aristida adscenscionis* Linn.** | **Sixweeks threeawn** | **Poaceae** |

| | | | |
|---|---|---|---|
| 23. | ***Aristida adscenscionis* Linn.** | **Needle Grass** | **Poaceae** |
| 24. | ***Artocarpus heterophyllus* Linn.** | **Kathal(Jackfruit)** | **Moraceae** |
| 25. | ***Asparagus racemosus* Willd** | **Satavar** | **Liliaceae** |
| 26. | ***Aster amellus* L.** | **Aster** | **Astaraceae** |
| 27. | ***Azadirecta indicia* Juss** | **Neem** | **Miliaceae** |
| 28. | ***Bacopa monnieri* L.(Pennell)** | **Brahmi** | **Scrophulariaceae** |
| 29. | ***Bahunia veriegeta* Linn** | **Kachnar** | **Caesalpiniaceae(Faba ceae)** |
| 30. | ***Basella alba* Linn** | **Poi** | **Baselslaceae** |
| 31. | ***Bassica compestris*Linn** | **Sarson** | **Brasicaceae** |
| 32. | ***Bathriocloa species*** | **Australian bluestem, Latoka grass** | **Cyparceae** |
| 33. | ***Beaucarnea recurvata* Lem.** | **Elephant foot** | **Agavaceae** |
| 34. | ***Biophytam sensivatama* Linn.** | **Lajalu** | **Oxilidaceae** |
| 35. | ***Blumea lacera* D.C.** | **Kakronda** | **Asteraceae** |
| 36. | ***Blumia lacera* D.C.** | **Blumia** | **Astaraceae** |
| 37. | ***Boerhavia diffusa* L** | **Pathari Bhaji** | **Nyctaginaceae** |
| 38. | ***Bougainvillea specabilis* Comm.ex Juss** | **Bougainvillea** | **Nyctaginaceae** |
| 39. | ***Bryophyllum calycinum* Salib** | **Pattarchatta** | **Crassulaceae** |
| 40. | ***Butea monosperma* Lam.** | **Palash** | **Papilionaceae** |
| 41. | ***Cajanus cajan* L.** | **Arhar** | **Papilionaceae** |
| 42. | ***Calatropis prosera* Aif.** | **Madar** | **Asclepiadaceae** |
| 43. | ***Calendula officinalis* L.** | **Calendula** | **Astaraceae** |
| 44. | ***Canna indica* L.** | **Keli or kadali** | **Cannaceae** |
| 45. | ***Carax flacca* Schreb.** | **Blue sedge** | **Cyraceae** |
| 46. | ***Carica papaya* Linn.** | **Papeeta( Papaya)** | **Caricaceae** |
| 47. | ***Cassia alata,* L.** | **Dadmurdan** | **Febaceae** |
| 48. | ***Cassia fistula* Linn.** | **Amaltash** | **Caesalpiniaceae** |
| 49. | ***Cassia tora* Linn.** | **Charota** | **Caesalpiniaceae** |
| 50. | ***Catharanthus roseus* L.** | **Sada Bahar** | **Apocynaceae** |
| 51. | ***Centella asiatical* L.** | **Ballari** | **Apiaceae** |
| 52. | ***Chenopodium album* L.** | **Bathua** | **Chenopodiaceae** |
| 53. | ***Chorchorus olitorius* L.** | **Chech** | **Tiliaceae** |
| 54. | ***Chrysalidocarpus lutescense* Bentje and Dransf.** | **Arica palm** | **Aracaceae** |
| 55. | ***Chrysanthellum indicum* L.** | **Guldawari** | **Astaraceae** |
| 56. | ***Cicer arientinum* L.** | **Chana** | **Papilionaceae** |
| 57. | ***Cinchona officinalis* Chin.** | **Cinchona** | **Rubiaceae** |
| 58. | ***Cinnamomum tamala* Ness and Eberrm** | **Tejpat** | **Lauraceae** |
| 59. | ***Cissus quardangularis* L.** | **Hatjod** | **Vitaceae** |
| 60. | ***Citrus medica* Watt.** | **Neebu(Lemon)** | **Rutaceae** |
| 61. | ***Citrus sinensis*** | **Santara(Orange)** | **Rutaceae** |
| 62. | ***Cleome viscose* Linn.** | **Hurhur** | **Capparidaceae** |

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|---|---|---|---|
| 63. | ***Clitoria ternatea* L.** | **Aprajita** | **Papilionaceae** |
| 64. | ***Codiaeum variegatum* L.** | **Garden croton** | **Euphorbiaceae** |
| 65. | ***Coleus ombionicus*** | **Pattarchur** | **Lamiaceae** |
| 66. | ***Colocasia esculanta* L.** | **Kochai ,Arvi** | **Araceae** |
| 67. | ***Commelina Benghalensis* L.** | **Kaunaakeny** | **Commelinaceae** |
| 68. | ***Conovolvulus pluricaulis* L.** | **Sankhpushpi** | **Convolvulaceae** |
| 69. | ***Convolvulus microphyllus* L.** | **Convolvulus** | **Convolvulaceae** |
| 70. | ***Cordia myxa* Roxb.** | **Lisora** | **Caesalpiniaceae** |
| 71. | ***Cosmos bipinnatus* Cav.** | **Cosmos** | **Astaraceae** |
| 72. | ***Costus specious* Smith** | **Kebu** | **Zingiberaceae** |
| 73. | ***Crucuma longa* L.** | **Haldi** | **Zingiberaceae** |
| 74. | ***Cycas revolute* Thunb.** | **Cycas** | **Cycadaceae** |
| 75. | ***Cympogon khosans*** | **Jamarosa** | **Poaceae** |
| 76. | ***Cympogon martine* L.** | **Neebu ghass(Lemon grass)** | **Poaceae** |
| 77. | ***Cyperus esculatus* L.** | **Nagarmotha** | **Cypraceae** |
| 78. | ***Cyperus involucratus* Rottb.** | **Ahu(African umbrella plant)** | **Cypraceae** |
| 79. | ***Cyperus rotundus* Linn** | **Motha** | **Cyraceae** |
| 80. | ***Dianthus caryophyllus* L.** | **Dianthus** | **Carryophylaceae** |
| 81. | ***Dahlia excelsa* Benth.** | **Dahlia** | **Astaraceae** |
| 82. | ***Dalbergia sissoo* Roxb.** | **Sheesham** | **Papilionaceae(Fabaceae** |
| 83. | ***Delonix regia* Raf.** | **Gulmohar(Badi)** | **Caesalpiniaceae(Fabaceae)** |
| 84. | ***Dendrocalamus sps*** | **Bamboo** | **Bambusoideae (Poaceae)** |
| 85. | ***Dhatura alba* Ness** | **Dhatura** | **Solanaceae** |
| 86. | ***Dracaena trifasciata*** | **Mother in law tounge Snake plant** | **Asparagaceae** |
| 87. | ***Dracaena deremensis* L.** | **Green Dracena** | **Agavaceae** |
| 88. | ***Duranta repens* L.** | **Hedge plant** | **Verbinaceae** |
| 89. | ***Eclipta alba* Hassk** | **Bhrangraj** | **Astaraceae** |
| 90. | ***Ecorus calmus* L.** | **Bach** | **Aracaceae** |
| 91. | ***Elataria cardamomum* L.** | **Ilaychi** | **Zingiberaceae** |
| 92. | ***Eleusine indica,* Gaert** | **-** | **Febaceae** |
| 93. | ***Emblica officinalis* Geartn.** | **Aamla** | **Euphorbiaceae** |
| 94. | ***Eragrostis cilianensis* All.Vign.ex Janchen** | **Stinkgrass** | **Poaceae** |
| 95. | ***Eragrostis curvula* (Schrd.)Ness** | **Weeping lovegrass** | **Poaceae** |
| 96. | ***Eriocloa sericea* (Scheele)Munro ex Vasey** | **Cup grass** | **Cypraceae** |
| 97. | ***Eucalyptus lanceolatus* L.** | **Neelgiri** | **Myrataceae** |
| 98. | ***Euphorbia hirta* L.** | **Dhudhi** | **Euphorbiacea** |
| 99. | ***Euphorbia maculate* L.** | **-** | **Euphorbiaceae** |

| | | | |
|---|---|---|---|
| 100. | ***Euphorbia microphylla* Lam.** | **-** | **Euphorbiaceae** |
| 101. | ***Euphorbia mili* Des Moul** | **-** | **Euphorbiaceae** |
| 102. | ***Euphorbia pulcherima* Willd.ex Klotzsch** | **Lal Patta** | **Euphorbiaceae** |
| 103. | ***Ficus bengalensis* L.** | **Bargad(Banyan)** | **Moraceae** |
| 104. | ***Ficus racemosa* L.** | **Gular** | **Moraceae** |
| 105. | ***Ficus religiosa* L.** | **Peepal** | **Moraceare** |
| 106. | ***Furcraea foetida* L.** | **Modio Picta** | **Asparagaceae** |
| 107. | ***Gazania rigens* L.** | ***Gazania*** | **Asteraceae** |
| 108. | ***Goggypium hirsutum* L.** | **Kapas(Cotton)** | **Malvaceae** |
| 109. | ***Helianthus annuus* L.** | **Suryamukhi** | **Asteraceae** |
| 110. | ***Heliotropium indicum* L.** | **Hathsuriya** | **Boragenaceae** |
| 111. | ***Hibscus rosa sinensis* L.** | **Gudhal(China Rose)** | **Malvaceae** |
| 112. | ***Hiptis suveolens* L. Poit** | **Vilaiti Tulsi** | **Lamiaceae** |
| 113. | ***Impatiens balsamia* L.** | **Balsam** | **Balsaminaceae** |
| 114. | ***Indigofera linifolia* Retz** | **Neel** | **Papilionaceae** |
| 115. | ***Ipomoea carnea* Jace.** | **Besharam** | **Rubiaceae** |
| 116. | ***Ixora coccinia* L.** | **Ixora** | **Rubiaceae** |
| 117. | ***Jasminum auriculatum* Vahl.** | **Juhi** | **Oleaceae** |
| 118. | ***Jasminum grandiflorum* Linn** | **Chameli** | **Oleaceae** |
| 119. | ***Jasminum sambac* Ait.** | **Mogra** | **Oleaceae** |
| 120. | ***Jatropha curcas* L.** | **Ratanjot** | **Euphorbiaceae** |
| 121. | ***Jatropha podagrica* Hook.** | **Gout plant** | **Euphorbiaceae** |
| 122. | ***Lantana camera* L.** | **Lantana** | **Verbinaceae** |
| 123. | ***Laucaenia leucocephalata* (Lam.)de Wit** | **Subabool** | **Mimosoideae(Fabaceae)** |
| 124. | ***Lawsonia inermis* L.** | **Mehndi(Heena)** | **Lythraceae** |
| 125. | ***Lilium bulbiferum* L.** | **Lily** | **Liliaceae** |
| 126. | ***Litchi chinensis* Sonn.** | **Lichi** | **Sapindaceae** |
| 127. | ***Madhuca longifolia* (J.Konigex L.)J.F.Macbr** | **Mahua** | **Sapotaceae** |
| 128. | ***Mangifera indica* L.** | **Aam** | **Annacardaceae** |
| 129. | ***Mascarena lagenicaulis* (L.H.Bailey) H.E.Moore** | **Bottle palm** | **Arecaceae** |
| 130. | ***Mentha spicata* L.** | **Pudina(Mint)** | **Lamiaceae** |
| 131. | ***Michelia champaca* L.** | **Champa** | **Magnoliaceae** |
| 132. | ***Mimosa pudica* L.** | **Lajwanti** | **Mimosoideae** |
| 133. | ***Mimusops elengi* L.** | **Molshree** | **Sapotaceae** |
| 134. | ***Moringa oelifera* Lam.** | **Munga** | **Moringaceae** |
| 135. | ***Morus alba* L.** | **Sahtut(Malberry)** | **Moraceae** |
| 136. | ***Murraya koenigii* L.** | **Meetha Neem(Kurry Leaf)** | **Rutaceae** |
| 137. | ***Murraya paniculata* L.** | **Madhukamini** | **Rutaceae** |
| 138. | ***Musa paradisica* L.** | **Kela(Banana)** | **Musaceae** |

| | | | |
|---|---|---|---|
| 139. | ***Mussaenda* L.** | **Mussaenda** | **Rubiaceae** |
| 140. | ***Nerium odorum* Sonnad** | **Kaner** | **Apocynaceae** |
| 141. | ***Nycanthus arbor tristic* L.** | **Harshringar** | **Oleaceae** |
| 142. | ***Ocimum basilicum* L.** | **Marua Tulsi** | **Lamiaceae** |
| 143. | ***Ocimum sanctum.* L.** | **Tulsi** | **Lamiaceae** |
| 144. | ***Opuntia dillenii* Ker Gawl** | **Cactus** | **Cactaceae** |
| 145. | ***Oxalis corniculata* L.** | **Tinpania** | **Oxalidaceae** |
| 146. | ***Papaver nudicaule* ssp. aurantiacum (DC.)** | **Poppy** | **Papaveraceae** |
| 147. | ***Parkinsonia aculeate* L.** | **Vilayti kikar** | **Caesalpiniaceae(Fabaceae)** |
| 148. | ***Paspallum scrobiculatum* L.** | **Dallisgrass** | **Poaceae** |
| 149. | ***Paspalum scrobiculatum* L.** | **-** | **Poaceae** |
| 150. | ***Passiflora incarnate* L.** | **Passion flower** | **Passifloraceae** |
| 151. | ***Peltophorum petrocarpum* (D.C.)K.Heyne** | **Coppor pod** | **Caesalpiniaceae(Fabaceae)** |
| 152. | ***Phyllanthus niruri* L.** | **Bhui Aamla** | **Phyllanthaceae** |
| 153. | ***Phyllanthus simplex* Retz.** | **-** | **Phyllanthaceae** |
| 154. | ***Physalis minima* L.** | **Gooseberry(Ground Cherry)** | **Solanaceae** |
| 155. | ***Piper betle* L.** | **Pan** | **Piperaceae** |
| 156. | ***Piper longam* L.** | **Kali mirch** | **Pipperaceae** |
| 157. | ***Pithecellobium dulce* (Roxb.)Benth.** | **Ganga imli** | **Mimosoideae** |
| 158. | ***Plumeria alba* L.** | **Champa** | **Apocynaceae** |
| 159. | ***Polyalthia longifolia* Sann.** | **Ashok (Pendent)** | **Annonaceae** |
| 160. | ***Polyscias guilfoylei* (W.Bull)L.H.Bailey** | **Frosted Aralia** | **Araliaceae** |
| 161. | ***Pongamia pinnata* L.** | **Karanj** | **Papilionaceae(Fabaceae)** |
| 162. | ***Portulaca lezaceae* Linn** | **Gol Bhaji** | **Portulacaceae** |
| 163. | ***Psidium guajava* L.** | **Jam(Guava)** | **Myrataceae** |
| 164. | ***Pterispermum acerifolium* (L.)Willd.** | **Kanak Champa** | **Stercauliaceae** |
| 165. | ***Punica granatum* L.** | **Anar** | **Punicaceae** |
| 166. | ***Ricinus communicus* L.** | **Arand(Castor)** | **Euphorbiaceae** |
| 167. | ***Ruellia tuberrosa* Linn.** | **Craker plant** | **Acantaceae** |
| 168. | ***Rosa indica* L.** | **Gulab(Rose)** | **Rosacese** |
| 169. | ***Rouwolfia serpentine* (L.)Benth.ex Kurz** | **Sarpgandha** | **Apocynaceae** |
| 170. | ***Saraca asoca* Roxb. (Willd.)** | **Ashok** | **Caesalpiniaceae** |
| 171. | ***Sansevieria trifesciata* Prain** | **Snake plant** | **Asperagaceae** |
| 172. | ***Senna alexandrina* Mill.** | **Senna** | **Caesalpiniaceae(Fabaceae)** |
| 173. | ***Sida acuta,* Linn.** | **Wireweed** | **Malvaceae** |

| | | | |
|---|---|---|---|
| 174. | ***Sida cordifolia* L.** | **Bala** | **Malvaceae** |
| 175. | ***Solanum nigram* L.** | **Makoi** | **Solanaceae** |
| 176. | ***Solanum xanthocarpum* Schd.** | **Bhat katiya** | **Solanaceae** |
| 177. | ***Sonchus oleraceus* L.** | **Sow thistle, Milky tassel** | **Asteraceae** |
| 178. | ***Spinacea oleracea* L.** | **Palak** | **Chenopodiaceae** |
| 179. | ***Swertia chirayta* Roxb** | **Chirata** | **Gentianaceae** |
| 180. | ***Syzygium jambolana* L.** | **Jamun** | **Myrataceae** |
| 181. | ***Tabernaemontana divaricata* Roxb.** | **Chandni** | **Apocynaceae** |
| 182. | ***Tamarindus indica* L.** | **Imli** | **Caesalpiniaceae** |
| 183. | ***Tectona grandis* L.f.** | **Sagaun or Teak** | **Verbenaceae** |
| 184. | ***Tegetes erecta* L.** | **Genda** | **Asreraceae** |
| 185. | ***Terminalia arjuna* (Roxb.)Wight and Arn.** | **Arjun** | **Combrataceae** |
| 186. | ***Terminalia ballirica* (Gaertn.)Roxb.** | **Bahera** | **Combrataceae** |
| 187. | ***Terminalia catappa* L.** | **Indian Almond** | **Combrataceae** |
| 188. | ***Terminalia chebula* Retz.** | **Harra** | **Combrataceae** |
| 189. | ***Thespesia populnea* (L.)Sol.exCorrea** | **Paras Peepal** | **Malvaceae** |
| 190. | ***Thevetia nerifolia* Juss.** | **Peeli Kaner** | **Apocynaceae** |
| 191. | ***Thuja occidentalis* L.** | **Mayur Pankh ,Vidya** | **Pinaceae** |
| 192. | ***Tinospora cordifolia* (Thunb.)Miers** | **Giloy** | **Menispermaceae** |
| 193. | ***Tradescantia* L.** | **Moses-in-The-Cradle** | **Commelinaceae** |
| 194. | ***Tradescantia zebrine* Bosse** | **Tradescantia** | **Commelinaceae** |
| 195. | ***Tridex procumbens* L.** | **Coat buttons** | **Asteraceae** |
| 196. | ***Verbina sps*** | **Hedge plant small** | **Verbinaceae** |
| 197. | ***Vernonia cinerea* Less** | **Somraj** | **Astaraceae** |
| 198. | ***Vitex negundo* L.** | **Nirgundi** | **Verbenaceae** |
| 199. | ***Zizyphus mauritiana* Lam.** | **Ber** | **Rhamanaceae** |

# Green campus


## Activities under green audit

### 1. Plantation in campus


**Plantation**


BHILAI MAHILA MAHAVIDYALAYA
TODAY'S UPDATE


06/07/2019
वृक्षारोपण

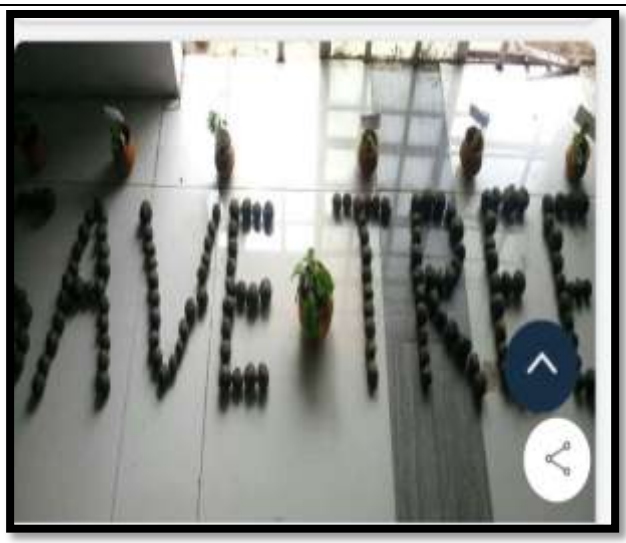

2019-20
21/06/2019
महाविद्यालय उद्यान मै वृक्षारोपण किया गया

# 2. Regular cleaning and maintenance of college campus


# Different activities regarding clean and green environment of college campus







**Plants Donated by students**

**Demonstration of compost preparation**

पत्रिका PLUS

करीना कपूर

PATRIKA.COM/ENTERTAINMENT

कॉलेज स्टूडेंट्स ने बांटे ऐसे बम जिसे फेंकते ही उग आएंगे पौधे

Waste Management :-

Different wastes like food, paper, plastic plate, cups, glasses, dust, solid waste was kept in waste bin, which is daily carrying by municipal employee for recycling.

**Compost preparation in campus**

# Ornamental plants

***Ruellia tuberrosa* Linn.**

***Dracaena trifasciata***

***Catharanthus roseus* L.**

***Cassia fistula* Linn.**

***Gazania rigens* L.**

***Helianthus annuus* L.**

| | | |
|---|---|---|
| ***Dianthus caryophyllus* L.** | | ***Papaver nudicaule* ssp. aurantiacum (DC.)** |
|  | |  |
| ***Thevetia nerifolia* Juss.** | | ***Euphorbia pulcherima* Willd.ex Klotzsch** |
|  | |  |
| ***Saraca asoca* Roxb. (Willd.)** | | ***Mussaenda* L.** |

# Rose block

# Fruit plants

# Medicinal plants

# Trees

# Shrubs and climbers

# Ground vegetation

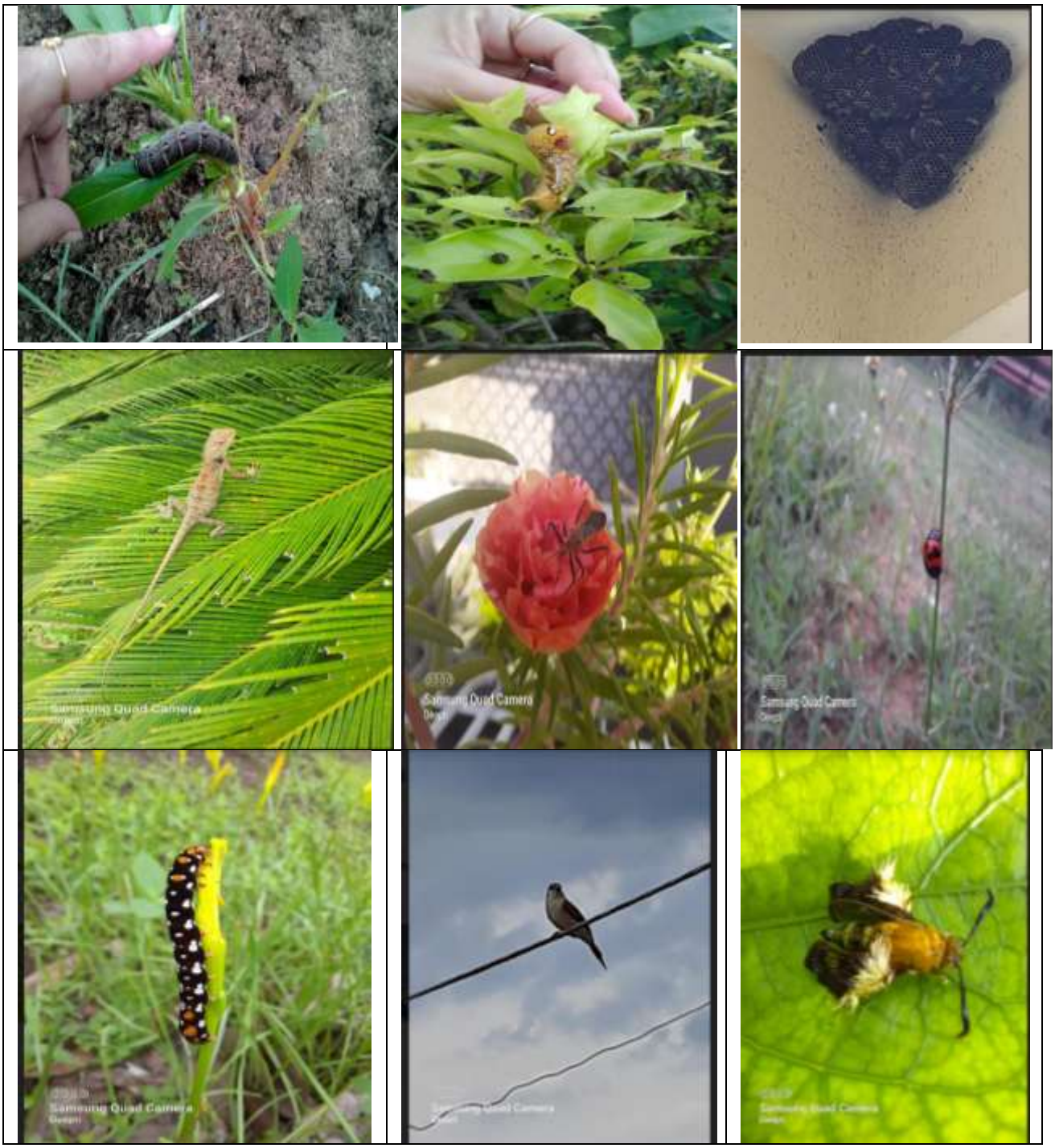








# Faunal diversity




Samsung Quad Camera


Samsung Quad Camera

# Green Audit

## Certificate

This is to certify that the **Bhilai Mahila Mahavidyalaya, Bhilai** has conducted 'Green Audit' of session 2015-2020 to assess the green initiative, planning, efforts, activities implemented in the college campus like plantation, cleaning of campus, and different Environment Awareness Activities.

During this period the baseline data was prepared by the internal green team of Bhilai Mahila Mahavidyalaya, Bhilai.

The activities and measures carried out by the college have been verified and were found to be satisfactory. The efforts taken by the management, faculty and students towards environment and sustainability are highly appreciated.

**Place:- Bhilai**
**Date:-01.06.2020**

Dr. N.K. Jain
DGM, Horticulture
Bhilai [illegible]

Principal
Atal Bihari Vajpayee
Govt. College, Pandatarai
Dist. Kabirdham (C.G.)

Atal Bihari Vajypee Govt. College
Pandatarai, Dist. Kabirdham, (C.G.)
External Auditor

R. K. Sharma
Assistant, Horticulture
Bhilai Steel Plant
External Auditor

Dr. Pratiksha Pandey
HOD, Botany
Bhilai Mahila Mahavidyalaya, Bhilai

Dr. Deepti Chauhan
Assistant Professor, Botany
Bhilai Mahila Mahavidyalaya, Bhilai

Mrs. Anita Narula
IQAC Coordinator
Bhilai Mahila Mahavidyalaya, Bhilai

29/11/2021

Dr. Sandhya Madan Mohan
Principal
Bhilai Mahila Mahavidyalaya, Bhilai

# प्रमाण पत्र एवं पावती

प्रमाणित किया जाता है कि छत्तीसगढ़ राज्य औषधीय पादप बोर्ड, रायपुर के सौजन्य से परम्परागत वनौषधी प्रशिक्षित वैद्य संघ, बिलासपुर (छ.ग.) द्वारा होम हर्बल गार्डन योजना के तहत् हमारे विद्यालय में औषधीय पौधों का वितरण कार्यक्रम दिनांक 2/08/2016 को सम्पन्न हुआ, जिसमें लगभग 200 औषधीय पौधों का छात्र/छात्राओं को प्रदान किया एवं इसके उपयोगिता एवं महत्व की जानकारी प्रदान की गई।

धन्यवाद !

दिनांक :- 02/08/16

स्थान :-

Principal
Bhilai Mahila Mahavidyalaya
भिलाई महिला महाविद्यालय (छ.ग.)