

Shetakari Shikashan Prasarak Mandal, Rethar Bk.

Krishna Mahavidyalaya, Rethare Bk.



Criterion VII

Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

**1. Green Audit / Environment Audit
2017-18 to 2021-22**

Krishna Mahavidyalaya, Rethare Bk.



Environmental Audit / Biodiversity Audit 2020-21

Created By,

Principal, Dr. C. B. Salunkhe

Krishna Mahavidyalaya, Rethare Bk.


The college conducts Biodiversity Audit of the campus as a part of green audit. About 315 species of flowering plants, 66 types of birds, 25 types of reptiles, 29 types of butterflies and 10 types of other insects are documented in the campus and its surrounding area. It revealed that the college campus is very rich in biodiversity with flora and fauna.

Plantation of indigenous and endemic plants helps in Carbon neutrality. Celebration of Environment Day, International Year of Biodiversity, International Year of Forestry and Activities like Back to the Nature, Environmental Studies Projects on e-waste and Solid waste management, Plant of the Week helps in creating awareness towards Environment consciousness and conservation of Biodiversity for human welfare.

Jaywant Krida Prabodhini, Pre Recruitment Centre, Back to the Nature, 'Jayawant' non periodical bulletin, Tree Census is some of the innovations introduced in our institution.

Biodiversity audit of the campus as a best practice enabled to know the floristic and faunal wealth of the campus. The practice helps to create awareness among the students towards role of local biodiversity in sustainable development.




Principal
Krishna Mahavidyalaya, Rethare Bk,
Tal. Karad : 415 108 (M.S)

GREEN AUDIT



LIST OF PLANTS IN KRISHNA MAHAVIDHYALAYA PREMISES

- **Abrus precatorius L.**
- **Abutilon indicum**
- **Acacia auriculiformis A. Cunn. ex Benth.**
- **Acacia catechu (L.f.) Willd**
- **Acacia nilotica**
- **Acacia nilotica**
- **Acanthospermum hispidum DC.**
- **Achyranthes aspera L.**
- **Acorus calamus L.**
- **Aegle marmelos (L.) Corr.**
- **Agathis alba**
- **Ageratum conyzoides**
- **Aglaia lawii (Wt.) Sald.**
- **Alangium salvifolium (L.f.) Wangerin**
- **Aloe vera**
- **Alternanthera sessilis**
- **Alternanthera sessilis (L.) R. Br. ex DC.**
- **Andrographis paniculata (Burm. f.) wall. ex. Nees.**
- **Annona reticulata**
- **Annona squamosa**
- **Antiaris toxicaria**
- **Antigonon leptopus Hook & Arn.**
- **Araucaria spp.**
- **Areca catechu L.**
- **Areca triandra**
- **Argemone mexicana**
- **Argyreia cuneata (Willd.) Ker-Gawl**
- **Aristida stocksii**
- **Artabotrys hexapetalus (L.f.) Bhandari**



- **Artocarpus heterophyllus** Lam.
- **Artocarpus hirsutus** Lam.
- **Arundo donax** L.
- **Asparagus racemosus** Willd.
- **Azadirachta indica**
- **Baliospermum solanifolium** (Burm.) Suresh
- **Bambusa glaucescens** (Willd.) Sieb. ex Munro.
- **Bambusa vulgaris** Schrad
- **Barleria grandiflora** Dalz.
- **Barleria prionitis** L.
- **Barleria** spp.
- **Barleria** spp.
- **Barleria strigosa** Willd.
- **Bauhinia blakeana**
- **Bauhinia racemosa** Lam.
- **Bauhinnia varigata**
- **Bidens biternata**
- **Bixa orellana** L.
- **Boerhavia erecta**
- **Boerhavia repens**
- **Bougainvillea spectabilis**
- **Brachiaria eruciformis**
- **Brownea coccinea** Jacq.
- **Butea monosperma** (Lamk.) Taub.
- **Caesalpinia bonduc** (L.) Roxb.
- **Caesalpinia pulcherrima** (L.) Sw.
- **Callistemon citrinus**
- **Calophyllum inophyllum** L.
- **Calotropis gigantea** (L.) R. Br.
- **Calotropis procera**
- **Canna indica**
- **Cardiospermum helicacabum** L.



- **Careya arborea** Roxb.
- **Carrisa carandus** L.
- **Caryoya urens** L.
- **Cassia auriculata**
- **Cassia fistula** L.
- **Cassia siamea**
- **Cassia tora**
- **Cassia uniflora**
- **Casuarina equisetifolia** L.
- **Catharanthus roseus** (L.) G. Don.
- **Celastrus paniculatus** Willd.
- **Celosia argentea** L.
- **Centella asiatica** (L.) Urb.
- **Ceropegia juncea**
- **Chloris barbata**
- **Chloris virgata**
- **Chlorophytum** spp.
- **Chloroxylon swietenia** Dc. Prodr.
- **Chonemorpha grandiflora** (Roth.) M.R. & S. M.Almeida
- **Chrysopogon zizanioides** (L.) Nash
- **Citrus aurantifolia**
- **Citrus aurantifolia** (Christm. & Panz.) Swing.
- **Clematis** spp.
- **Clematis gouriana** Roxb. ex. Dc.
- **Cleome viscosa**
- **Cleome viscosa** L.
- **Clerodendrum paniculatum** L.
- **Clerodendrum serratum** (L.) Moon.
- **Coccinia grandis**
- **Cocculus hirsutus**
- **Cochlospermum religiosum** (L.) Alst.
- **Cocos nucifera** L.



- **Colocasia esculenta** (L.) Schott
- **Commelina benghalensis** L.
- **Couroupita guianensis** Abul.
- **Crateva adansonii** Dc.
- **Crossandra infundibuliformis** (L.) Nees
- **Cryptolepis buchananii**
- **Cycas andamanica**
- **Cycas revoluta**
- **Cycas rumphii**
- **Cynodon dactylon** (L.) Pers.
- **Cyperus rotundus** L.
- **Datura metel** L.
- **Delonix regia** (Hook.) Raf.
- **Dendrocalamus giganteus** Munro.
- **Derris canarensis** (Dalz.) Baker
- **Dillenia indica** L.
- **Dioon** spp.
- **Diospyros montana**
- **Diplocyclos palmatus**
- **Dracaena**
- **Drypetes roxburghii** (Wall.) Hurus.
- **Dysoxylum binectariferum** (Roxb.) Hook.f. ex Bedd.
- **Eclipta prostrata** (L.) L.
- **Elaeagnus conferta** Roxb.
- **Emblica officinalis**
- **Emilia sonchifolia** (L.) DC.
- **Ensete superbum** (Roxb.) Cheesm.
- **Entada rheedei** Spreng.
- **Erinocarpus nimmonii** Grah. ex. Dalz.
- **Erythrina suberosa** Roxb.
- **Euphorbia geniculata**
- **Euphorbia hirta** L.



- **Euphorbia pulcherrima** Willd. ex. Klotzsch
- **Evolvulus alsinoides** (L.) L.
- **Ficus benghalensis** L.
- **Ficus benjamina** L.
- **Ficus racemosa** L.
- **Ficus religiosa** L.
- **Ficus virens** Ait. Hort.
- **Firmiana colorata** (Roxb.) R. Br.
- **Flacourtia indica** (Burm.f.) Merr.
- **Garcinia indica** (Thou.) Chois.
- **Garcinia talbotii** Raiz. ex Sant.
- **Gliricidia sepium** (Jacq.) Kunth ex Steud.
- **Gnetum ula**
- **Grevillea robusta** A. Cunn.
- **Gymnema sylvestre** (Retz.) R. Br. & S.
- **Gynura bicolor** (Roxb. ex Willd.) DC.
- **Haldina cordifolia** (Roxb.) Ridsd.
- **Hardwickia binata** Roxb.
- **Heliconia angustifolia** Hook.
- **Helicteres isora** L.
- **Hemidesmus indicus** (L.) R. Br. ex. Schult.
- **Heterophragma quadriloculare** (Roxb.) K. Schum
- **Hibiscus rosa-sinensis**
- **Hibiscus rosa-sinensis** L.,
- **Hiptage benghalensis** (L.) Kurz.
- **Holigarna grahamii** (Wt.) Kurz.
- **Holoptelea integrifolia** (Roxb.) Planch.
- **Hydnocarpus pentandra** (Buch.-Ham.) Oken
- **Hydrilla verticillata** (L.f.) Royle
- **Hyptis suaveolens** (L.) Poit.
- **Ipomoea carnea**
- **Ixora coccinea** L.



- **Jacaranda acutifolia** Humb & Bonpl.
- **Jacquemontia paniculata** (Burm. f.) Hall. F
- **Jatropha integerrima** Jcq.
- **Jatropha curcas** L.
- **Justicia adhatoda** L.
- **Lagascea mollis**
- **Lagerstroemia reginae** Roxb.
- **Launaea procumbens**
- **Leucaena siliqua**
- **Lowsonia inermis** L.
- **Macaranga peltata** (Roxb.) Muell.-Arg.
- **Mackenzia integrifolia** (Dalz.) Bremek.
- **Madhuca longifolia** (Koen.) Mac Bride
- **Mammea surgia** (Buch.-Ham. ex Roxb.) Koest
- **Mangifera indica** L.
- **Manilkara zapota** (L.) Van Royen
- **Markhamia Lutea** (Benth.) Schum.
- **Melastoma malbathricum** L.
- **Melia azedarach** L.
- **Michelia champaca** L.
- **Mitragyna parvifolia** (Roxb.) Korth.
- **Muntingea calabura**
- **Murraya koenigii** (L.) Spreng.
- **Musa** spp.
- **Mussaenda frondosa**
- **Neolamarckia cadamba** (Roxb.) Bosser
- **Nerium indicum**
- **Nerium indicum** Mill.
- **Nothapodytes nimmoniana** (Grah.) Mabb.
- **Nyctanthes arbor-tristis** L.
- **Nymphaea nouchali** Burm.f.
- **Nymphaea rubra** Roxb. ex Salisb.




- **Ocimum tenuiflorum L.**
- **Olca dioica Roxb.**
- **Oroxylum indicum (L.) Vent.**
- **Oxalis corniculata L.**
- **Pandanus**
- **Parthenium hysterophorus**
- **Peltophorum pterocarpum (DC.) Baker ex Heyne**
- **Petunia solanacea**
- **Phoenix spp.**
- **Phyllanthus amarus**
- **Phyllanthus reticulatus Poir.**
- **Physalis minima L.**
- **Piper betle L.**
- **Pithecellobium dulce**
- **Plumbago zeylanica L.**
- **Plumeria alba**
- **Plumeria rubra L.**
- **Polyalthia longifolia (Sonner.) Thw.**
- **Polygala arvensis Willd.**
- **Pongamia pinnata (L.) Pierre**
- **Portulaca oleracea**
- **Pothos scandens L.**
- **Premna obtusifolia R.Br.**
- **Prosopis julifera**
- **Psidium guajava L.**
- **Pterocarpus marsupium Roxb.**
- **Pterospermum acerifolium (L.) Willd**
- **Pyrostegia venusta (Ker-Gawl.) Miers.**
- **Quisqualis indica L.**
- **Rauvolfia verticillata (Lour.) Baill**
- **Rhoeo spathacea (Swartz) Stearn.**
- **Rosa damascena Mill.**

- *Rosa indica* L.
- *Ruta chalepensis* L.
- *Salacia chinensis* L.
- *Sambacus* spp.
- *Santalum album* L.
- *Sapindus laurifolius* Vahl,
- *Saraca asoca* (Roxb.) de Willde
- *Semecarpus anacardium* L.f.
- *Sesbania grandiflora* (L.) Pers.
- *Setcreasea purpurea* Boom
- *Sida acuta*
- *Sida rhombifolia*
- *Solanum nigrum* L.
- *Solanum virginianum* L.
- *Spathodea campanulata* P. Beauv
- *Spermadictyon suaveolens* Roxb.
- *Spondias pinnata* (L.f.) Kurz.
- *Sterculia foetida* L.
- *Stereospermum colais* (Buch Ham ex. Dillw.) Mabb.
- *Stevia reburdiana*
- *Synedrella vialis*
- *Syzygium cumini*
- *Syzygium cumini* (L.) Skeels
- *Syzygium laetum* (Buch.-Ham.) Gandhi.
- *Tabebuia rosea* (Bertol)) DC
- *Tabernaemontana citrifolia* L.
- *Tagetes erecta* L.
- *Tamarindus indica* L.
- *Tectona grandis* L.f.
- *Tephrosia purpurea* (L.) Pers.
- *Tephrosia* spp.
- *Tephrosia tinctoria*



- **Terminalia bellirica** (Gaertn.) Roxb.
- **Terminalia catappa** L.
- **Terminalia chebula** Retz.
- **Terminalia cuneata** Roth
- **Thespesia populnea** (L.) Soland. ex Corr.
- **Thuja orientalis**
- **Thunbergia grandiflora** (Roxb. ex Rottl) Roxb.
- **Thysanolaena maxima**
- **Tinospora cordifolia** (Willd.) Miers ex. Hook
- **Trianthema portulacastrum**
- **Tridax procumbens** L.
- **Triumfetta rhomboidea** Jacq,
- **Tylophora indica** (Burm. f.) Merr.
- **Vallaris solanacea** (Roth) O. Ktze.
- **Vanilla planifolia**
- **Vernonia cinerea**
- **Withania somnifera** (L.) Dunal.
- **Woodfordia fruticosa** (L.) Kurz
- **Xanthium indicum** Koen.
- **Zamia** spp.
- **Ziziphus rotundifolia**




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Firmiana colorata



Madhuca longifolia



Hemidesmus indicus



Ensete superbum



Celastrus paniculatus



Lagerstroemia reginae



Magnolia grandiflora



Erinocarpus nimmonii



Moullva spicata



PURPLE SUNBIRD



BUSH CHAT



WHITE THROATED KINGFISHER



RED VENTED BULBUL



SCALY BREASTED MUNIA



GREEN BEE EATER



DANNED EGG FLY



COMMON SILVERLINE



COMMON-J



MOON MOTH



PALE OR LESSER GRASS BLUE



SAILOR BUTTERFLY



APIS FLOREA



VENOMOUS SLUG CATERPILLER



CHECKERED BEETLE



CRAB SPIDER



WOOLY BEAR CATERPILLERS



DRAGON FLY