

To whom it may concern

FLORA AUDIT REPORT

For A.P.S.G.M.N.S Govt. P.G. College, Kawardha

As per the instruction received by the principal, we are conducting the flora audit of the institution presented by the department of Botany. In the audit the flora of the college will be physically verified with the report presented and remark will be given if any deviation will be found during the audit.

As per the report submitted by the Department of Botany the following different varieties of plants are found in the campus:

S. No.	Botanical Name	Vernacular Name	Family	Physically Verified
1	<i>Psidiumguajava</i>	Guava	Myrtaceae	Yes
2.	<i>Rosa indica</i>	Rose (Gulab)	Rosaceae	Yes
3	<i>Sansevieriatrifasciata</i>	Snake Plant	Asparagaceae	Yes
4	<i>Sidacordifolia</i>	Flannel Weed	Malvaceae	Yes
5	<i>Solanumvirginianum</i>	Egg plant	Solanaceae	Yes
6	<i>Tabernaemontanadivaricata</i>	Pine weed flower	Apocynaceae	Yes
7	<i>Tagetes spp.</i>	Merigold	Asteraceae	Yes
8	<i>Tridaxprocumbens</i>	Coat button plant	Asteraceae	Yes
9	<i>Tribulusterrestris</i>	Gokharu	Zygophyllaceae	Yes
10	<i>Vincarosea</i>	Sadabahar	Apocynaceae	Yes
11	<i>Acacia nilotia</i>	Babool	Fabaceae	Yes
12	<i>Dalbergiasisso</i>	Seesham		Yes
13	<i>Araucaria araucana</i>	Christmas tree	Araucariaceae	Yes
14	<i>Argemonemexicana</i>	Mexican poppy	Papaveraceae	Yes
15	<i>Asparagus racemosus</i>	Shatavari	Asperagaceae	Yes
16	<i>Aster foug</i>	Aster	Asteraceae	Yes
17	<i>Azadiractaindica</i>	Neem	Meliaceae	Yes
18	<i>Bambusavass</i>	Bamboo	Poaceae	Yes
19	<i>Bauhinia variegta</i>	Kachnar	Caesalpinaceae	Yes
20	<i>Bidensvariegta</i>	Black jack	Asteraceae	Yes
21	<i>Bigoniagracilis</i>	Crossvine	Bigoniaceae	Yes
22	<i>Biota orientalis</i>	Thuja	cupressaceae	Yes
23	<i>Boerrhaviadiffusa</i>	Punarnava	Nyctaginaceae	Yes
24	<i>Bryophyllumpinnatifidum</i>	Air plant	Crassulaceae	Yes
25	<i>Canna indica</i>	Indianshot	Cannaceae	Yes
26	<i>Carica papaya</i>	Papaya	Caricaceae	Yes
27	<i>Casiatora</i>	Takala	Caesalpinaceae	Yes
28	<i>Calotropisprocera</i>	King crown,Aak	Asclepiadaceae	Yes
29	<i>Cassia uniflora</i>	Cassia	Fabaceae	Yes

30	<i>Caryotaurens</i>	<i>Wine plam</i>	Arecaceae	Yes
31	<i>Chloris barbata</i>	<i>Finger grass</i>	Poaceae	Yes
32	<i>Chrysalidocarpuslutescens</i>	<i>Golden cane</i>	Arecaceae	Yes
33	<i>Costusspeciosus</i>	<i>Crepe ginger</i>	Costaceae	Yes
34	<i>Cymbopogoncitratus</i>	<i>Lemmon grass</i>	Poaceae	Yes
35	<i>Datura alba</i>	<i>Datura</i>	Solanaceae	Yes
36	<i>Durantaerecta</i>	<i>Pigeon berry</i>	Verbenaceae	Yes
37	<i>Emblicaofficinalis</i>	<i>Amla</i>	Phyllanthaceae	Yes
39	<i>Eucalyptus globulus</i>	<i>Blue gum</i>	Myrtaceae	Yes
40	<i>Euphorbia hirta</i>	<i>Lal dudhni</i>	Euphorbiaceae	Yes
41	<i>Eubhorbiageniculata</i>	<i>Dudhani</i>	Euphorbiaceae	Yes
42	<i>Euphorbia pulcherrima</i>	<i>Lalpata</i>	Euphorbiaceae	Yes
43	<i>Acalyphaindica</i>	<i>Spurages</i>	Euphorbiaceae	Yes
44	<i>Aloe vera</i>	<i>Aloe</i>	Liliaceae	Yes
45	<i>Alternantheratriandra</i>	<i>Chipukata</i>	Amaranthaceae	Yes
46	<i>Ficusreligiosa</i>	<i>Peepal</i>	Moraceae	Yes
47	<i>Ficusbenghalensis</i>	<i>Banyan</i>	Moraceae	Yes
48	<i>Gerbera.L</i>	<i>Gerbera</i>	Asteraceae	Yes
49	<i>Leonotisnepatifolia</i>	<i>Lion's ear</i>	Lamiaceae	Yes
50	<i>Licualagrandis</i>	<i>Palm tree</i>	Arecaceae	Yes
51	<i>Lycopersiconesculantum</i>	<i>Tomato</i>	Solanaceae	Yes
52	<i>Mangiferaindica</i>	<i>Mango</i>	Anacardiaceae	Yes
53	<i>Moringaolifera</i>	<i>Moringa</i>	Moringaceae	Yes
54	<i>Murrayakoengii</i>	<i>Kadipata</i>	Rutaceae	Yes
55	<i>Neriumindicum</i>	<i>Kanher</i>	Apocynaceae	Yes
56	<i>Ocimum sanctum</i>	<i>Tulsi</i>	Lamiaceae	Yes
57	<i>Ocimumpeniiflorum</i>	<i>Tulsi</i>	Lamiaceae	Yes
58	<i>Oputiaelator</i>	<i>Prickly pear</i>	Cactaceae	Yes
59	<i>Partheniumhysterophorus</i>	<i>Congress grass</i>	Asteraceae	Yes
60	<i>Phoenix elatel</i>	<i>Pygmy date palm</i>	Arecaceae	Yes
61	<i>Physalis minima</i>	<i>Wild gooseberry</i>	Solanaceae	Yes
62	<i>Portulaca grandiflora</i>	<i>Rose mass</i>	Portulacaceae	Yes
63	<i>Pothos burn</i>	<i>Golden pothos</i>	Arecaceae	Yes
64	<i>Pseuderantheumatropurpuream</i>	<i>Black vernish</i>	Acathaceae	Yes
65	<i>Syzygiumcumini</i>	<i>Jamun</i>	Myrtaceae	Yes
66	<i>Hibiscus rosasinensis</i>	<i>China rose</i>	Malvaceae	Yes
67	<i>Heveabrasiliensis</i>	<i>Rubber</i>	Euphorbiaceae	Yes
68	<i>Neolamarckiacadamba</i>	<i>Burflower tree</i>	Rubiaceae	Yes

The audit team has inspected the campus and verified that all the 68 varieties of plants mentioned in the report was present in the college as on 15 September 2020 and no deviation has been found with the report

Signature of 1st Auditor

Dr. Richa Mishra

Signature of 2nd Auditor

Dr. Dipu Tikariha

Flora Report

A.P.S.G.M.N.S GOVT. PG COLLEGE KAWARDHA

Submitted

to

Principal,

A.P.S.G.M.N.S GOVT. PG COLLEGE KAWARDHA

By

Mr. Tilak Sonwane

Guest Faculty (Department of Botany)

A.P.S.G.M.N.S GOVT. PG COLLEGE KAWARDHA

Preface

Data collection for Flora of the **A.P.S.G.M.N.S GOVT. PG COLLEGE KAWARDHA** Campus. This Flora audit was over sighted to inquire about convenience to progress the identification of the campus. This audit required to recognize mainly plant diversity and provide Green and healthy environment and increase oxygen level in campus . The Flora audit survey was completed by Department of Botany . All data collected from College campus . The work is completed considering how much Harb, Shurb. Grasses tree and sessional plants are present in college campus.

Acknowledgement

Head of Department of Botany **A.P.S.G.M.N.S GOVT PG COLLEGE KAWARDHA** is very much thankful to Principal Dr. B.S.Chauhan, IQAC coordinator NAAC for motivating us for Flora audit.

FLORA of A.P.S.G.M.N.S GOVT. P.G. COLLEGE KAWARDHA

Introduction:

Study of flora of any region is basically done by survey and sampling and compilation of data obtained through floral identification (Singh et al. 2017). Natural prescriptions utilized for treatment of different sicknesses are of huge worth all through the world. Among the plant variety some of them can possibly treat numerous infections which are alluded as restorative plants. The principle point of the current examination is to zero in on the variety of restorative plants for additional utility and protection (Patel, 2012).

Set up in the year 1983, AcharyaPanth Shri Grindh Muni NaamSaheb Govt. P.G. college, Kawardha is consistently pushing forward on the way of progress and is affiliated to Hemchandyadv universities Durg [Chhattisgarh] (<https://pgcollegekawardha.edu.in/>). The floristic data of the college has been studied and found many medicinal and Ornamental plants which are not only important but also has an identity of the Colleges.

Objective:

1. To study the plant diversity in the college campus.
2. To explore the ethnobotanical data of plant surveyed.
3. Study of IVI of the flora of college campus.
4. To prepare herbarium of plants surveyed and identified.

Plantation:

1. To create healthy environment.
2. To develop the natural habitat in the campus.
3. To Increase O₂ level of the campus.
4. To keep surrounding area cool.
5. Plants give natural habitat for birds and animals including microorganisms.

Different variety of plants are planted in various places.

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52	<i>Mangifera indica</i>	<i>Mango</i>	Anacardiaceae
53	<i>Moringa olifera</i>	<i>moringa</i>	Moringaceae
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