

शहीद दुर्वासा निषाद शासकीय महाविद्यालय अर्जुन्दा,
जिला-बालोद (छ0ग0)

GREEN AUDIT REPORT 2023-24



[Handwritten Signature]

Green Audit Coordinator

[Handwritten Signature]

Principal

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कार्यालय प्राचार्य
शहीद दुर्वासा निषाद शासकीय महाविद्यालय अर्जुन्दा
जिला-वाल्मीकि (छत्तीसगढ़)



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अर्जुन्दा, दिनांक 20/12/24

Certificate

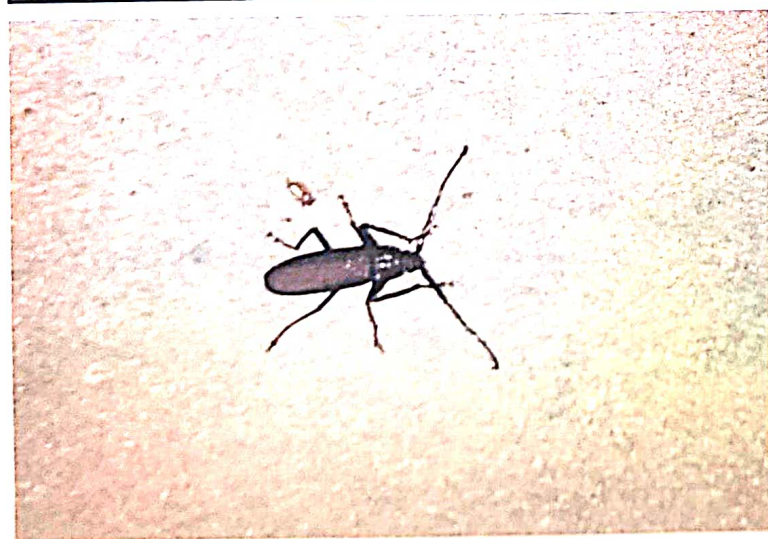
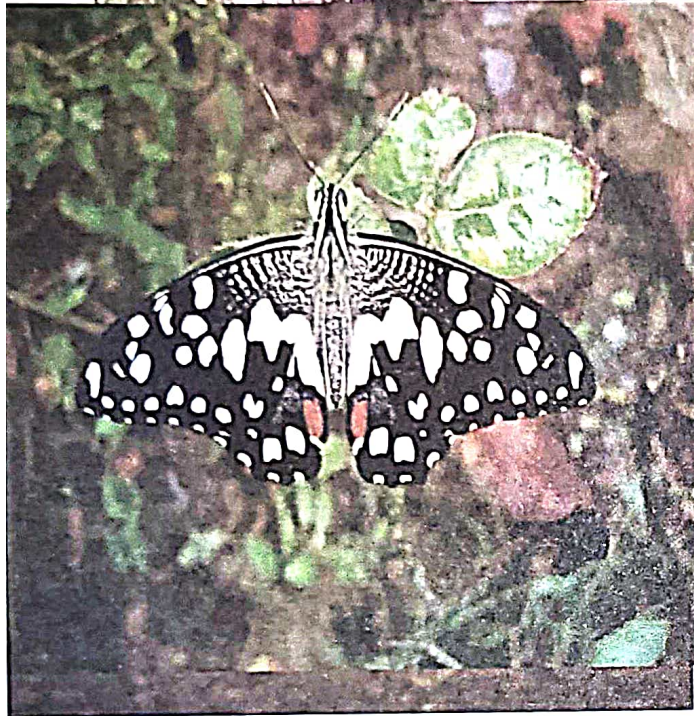
(2023-24)

This is to certify that Green Audit has been conducted by the following members the report of which is attached herewith.

Designation	Name	Signature
Principal	Dr. Somali Gupta	
IQAC Coordinator	Dr. Rashmi Singh	
Head, Department of Botany and Green Audit Coordinator	Mr. Kishor Kumar Tandan	
External Expert	Dr. Satish Kumar Sen	







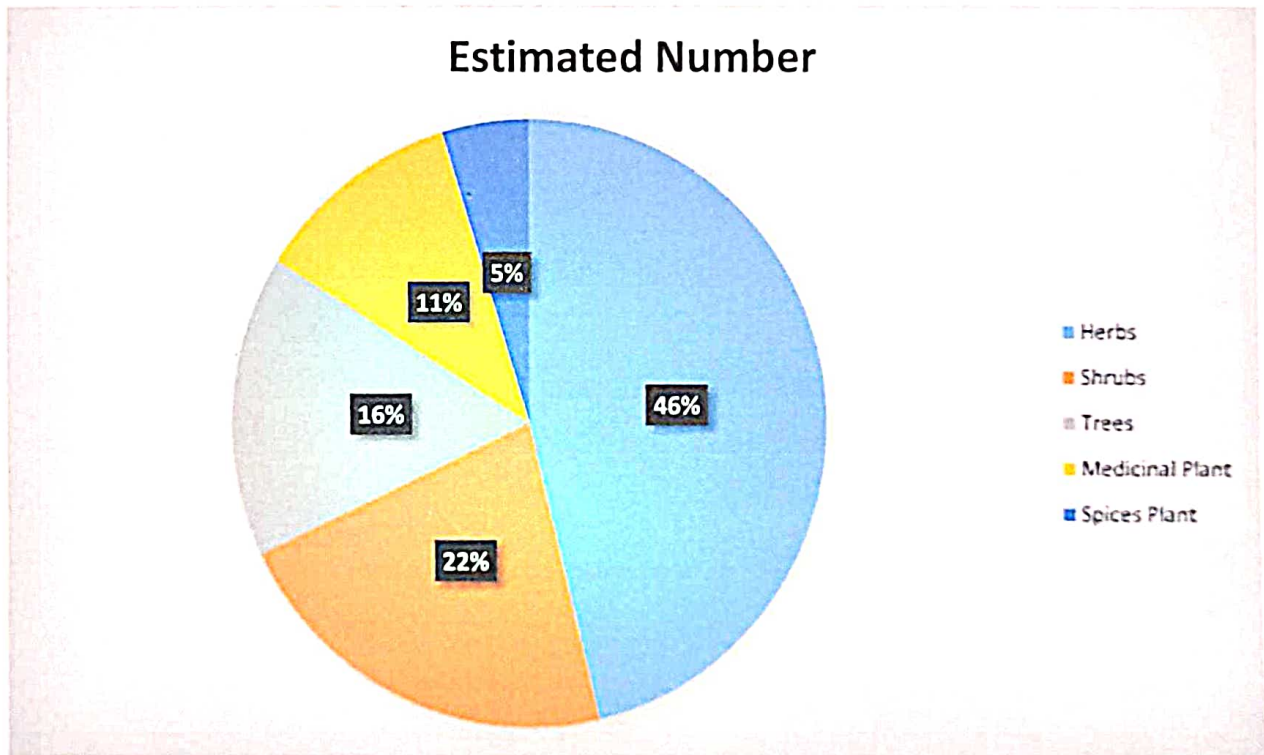
Biodiversity of our campus



Category		Estimated Number		
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S.No.	Scientific Name of Plant	Local Name	Family	Nos
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Herbs				49
Shrubs				23
Trees				17
Medicinal Plant				12
Spices Plant				5



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CHAPTER 01

Introduction

Green Audit is a documented, verification process of specified environmental activities like plantation, events, conditions, management system. Green Audit can create awareness in college staff as well as students to save our environment and also can find ways to improve environmental issues which are increasing day by day. Environmental problems such as recycling of waste, water conservation and recycling, pollution control, plantation, biodiversity conservation etc. can be resolved through Green Auditing.

Green Audit is a means of assessing environmental performance. It involves systematic, documented, periodic, and objective review by regulated entities of facility operations and practices related to meeting environmental requirement. Green audit does not stop all compliance with legislation. Nor is it a 'green washing' public relations exercise. Rather it is a total strategic approach to the organization's activities.

1. Audit is a systematic approach.
2. Audit is conducted objectively.
3. Auditor obtains and evaluates evidence.
4. Evidence obtained and evaluated by the auditor concerns assertions about economic actions and events.
5. Goal, or objective, of the audit is communicating the results to interested users.

VISION-

To empower the youth, especially belonging to the underprivileged sections of society, through quality education by inculcating philanthropic values and enabling them to meet the challenges of the contemporary knowledge society.

MISSION-

To translate the vision into reality the institution is committed to-

- Embrace in its fold students from all sections and categories especially addressing to the needs of the first generations learner.
- Expose the students (especially the under-privileged ones) to variety of activities, academic and extra- academic, aiming at their overall development.
- Inculcate humanistic and social values in the students to motivate them towards community services.
- Kindle the entrepreneurial spirit in students.

About the College–

Government College Arjunda is situated at a distance of 32 km from the district headquarter Balod in Balod district of Chhattisgarh state. The college was established on 16.08.1988 to provide higher education facilities to the youth of rural areas. Initially, the college was held in the building of Adarsh Government Bharti Higher Secondary College Arjunda.

In the session 2004-05, the college shifted to its own building. In the first session, it started with only 12 students and Arts faculty. At present, the college is providing higher education to more than 600 students of Arts, Commerce and Science. Commerce stream started in the year 1991-92 and Science in the year 2007-08

College Environmental Policy–

Shahid Durwasa Nishad Govt College Arjunda, Balod (C.G.) emphasized on environmental quality, It protects its own environment by implementing its green campus initiatives and maintains pollution free green and clean campus. Environment development is its basic work with the educational policies implemented on the campus. The Shahid Durwasa Nishad Govt College Arjunda, Balod (C.G.) is committed to managing its campus in accordance with responsibilities towards promoting sustainable environment. These responsibilities can be demonstrated within the following areas:

Green Environment and Clean Campus.

Waste Management

Water Conservation

No Plastic campus

Plantation

CHAPTER 02

Why green audit -

The excessive environmental degradation is creating the "Environmental poverty". Thus, academic leaders should initiate the knowledge and benefits of resources so that their institutions respond to environmental issues and challenges. We believe that there is an urgent need to address these problems and reverse the trends of environment degradation.

Objectives-

- To assess environmental performance
- To promote environmental awareness
- To improve health
- To conserve resources

- To reduce waste
- To improve environmental standards
- To sustainable use of natural resources
- To develop responsibility about environment
- To enhance college profile

CHAPTER 03

Methodology & Data Analysis Activities of Green Auditing

Plantation-

To create Environmental awareness at the college campus we organize plantation programs with all the staffs and students of our college. We plant trees and try to keep the campus green. We maintain the garden with the help of a paid gardner under the guidance of garden committee members.

To create- green cover, eco-friendly atmosphere, pure oxygen at the college campus, plantation program is organized every year with involving all students, principal, and all departments faculty members.

There are many plants are present in our college campus categorized below-

Category	EstimatedNumber
Herbs	49
Shrubs	23
Trees	17
Medicinal Plant	12
Spices Plant	5

S.D.N. GOVT. COLLEGE PLANT LIST
Spices List

S.No.	Scientific Name of Plant	Local Name	Family	Nos
1	<i>Ixora coccinea</i>	Jungle geranium	Rubiaceae	1
2	<i>Hibiscus rosa sinensis</i>	China rose	Malvaceae	2
3	<i>Cascabela thevetia</i>	Oleander	Apocynaceae	13
4	<i>Annona squamosa</i>	Custard apple	Annonaceae	2
5	<i>Neolamarckia cadamba</i>	Cadamba	Rubiaceae	1
6	<i>Sarca asoka</i>	Ashoka	Fabaceae	1
7	<i>Ficus religiosa</i>	Pipal Tree	Moraceae	2
8	<i>Morus alba</i>	Mulberry	Moraceae	2
9	<i>Psidium guajava</i>	Guava	Myrtaceae	3
10	<i>Alstonia scholaris</i>	Devil Tree	Apocynaceae	2
11	<i>Mangifera indica</i>	Mango	Anacardiaceae	2
12	<i>Prunus dulcis</i>	Almond	Rosaceae	1
13	<i>Delonix regia</i>	Flame tree	Fabacea	3
14	<i>Roystonea regia</i>	Palms	Arecaceae	8
15	<i>Carica papaya</i>	Papaya	Caricaceae	2
16	<i>Combretum indicum</i>	Red Jasmine	Combretaceae	1
17	<i>Syzygium cumini</i>	Jamun	Myrtaceae	1
S.No.	Scientific Name of Plant	Local Name	Family	Nos
1	<i>Elettaria cardamomum</i>	Elaichi	zingiberaceae	1
2	<i>Syzygium aromaticum</i>	laung	myrtaceaa	1
3	<i>Cinnamomum verum</i>	dalchini	Lauraceae	1
4	<i>Piper nigrum</i>	kalimireh	Piperaceae	1
5	<i>Cinnamomum tamala</i>	tejptta	Lauraceae	1

Medicinal plant list

S.No	Scientific Name of Plant	Local Name	Family	Uses	Nos
01	<i>Emblica officinalis</i>	Amala	Euphorbiaceae	Constipation , Rich source of vitamin C	
02	<i>Aloe vera</i>	GheeKwar	Liliaceae	Fever,Constipation, Piles, Skin, Jaundice, Leprosy	01
03	<i>Andrographis paniculata</i>	Kirayat	Acanthaceae	Fever, Dysentery, Dyspepsia, Stomachic	01
04	<i>Asparagus racemosus</i>	Satawar	Liliaceae	Tonic,Dysentery,Leprosy, T.B., Night Blindness	01
05	<i>Catharanthes roseus</i>	SadaSuhagan	Apocynaceae	Leukemia,Diabetic	01
06	<i>Cymbopogon citrates</i>	LemonGrass	Poaceae	Bronchitis,Fever, Rheumatism, Leprosy	01
08	<i>Oscimum sanctum</i>	Tulsi	Lamiaceae	Asthma,Bronchitis, Vomating, Malaria, Ring Worm	01
09	<i>Rauwolfia serpentine</i>	Sarpgandha	Apocynaceae	High Blood Pressure, Sebative, Mental Disorder, Anti-Microbial	01
10	<i>Tinospora cordifolia</i>	Giloy	Menispermaceae	Diabetic, Tonic	01
12	<i>Withania somnifera</i>	Ashwagandha	Solanaceae	AsthmaBronchitisArthritis, Rheumatism, Leucoderma	01

Future plans:-

1. Eco-friendly management
2. Development of medicinal garden.
3. Organic farming for the support of nature and environment.
4. Development of pollution free zone.
5. Awareness about cleanliness and maintenance of regional flora and fauna.