

## Shri Bhawani Niketan Mahila PG Mahavidyalay, jaipur

### Green Audit

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## **The green Audit team**

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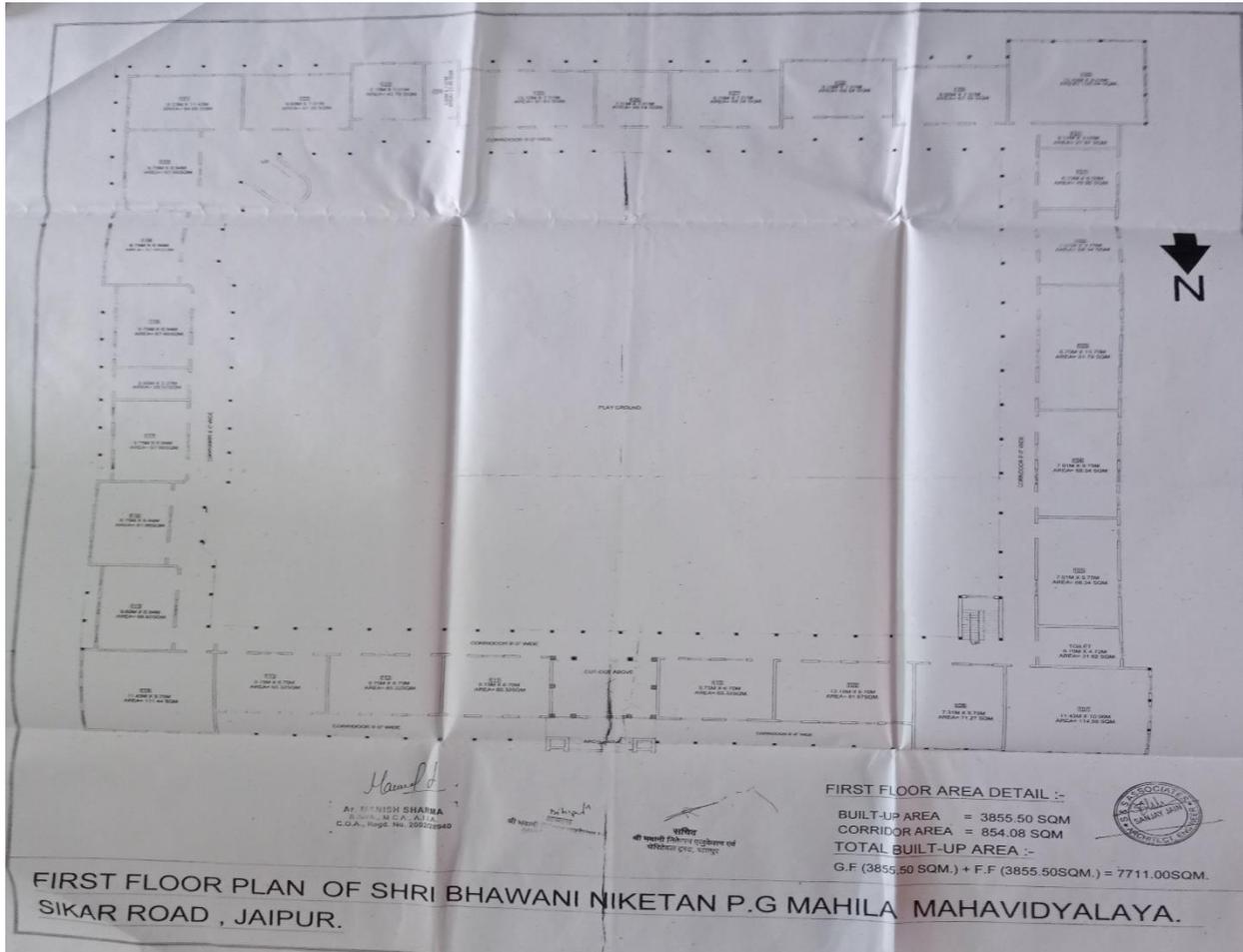
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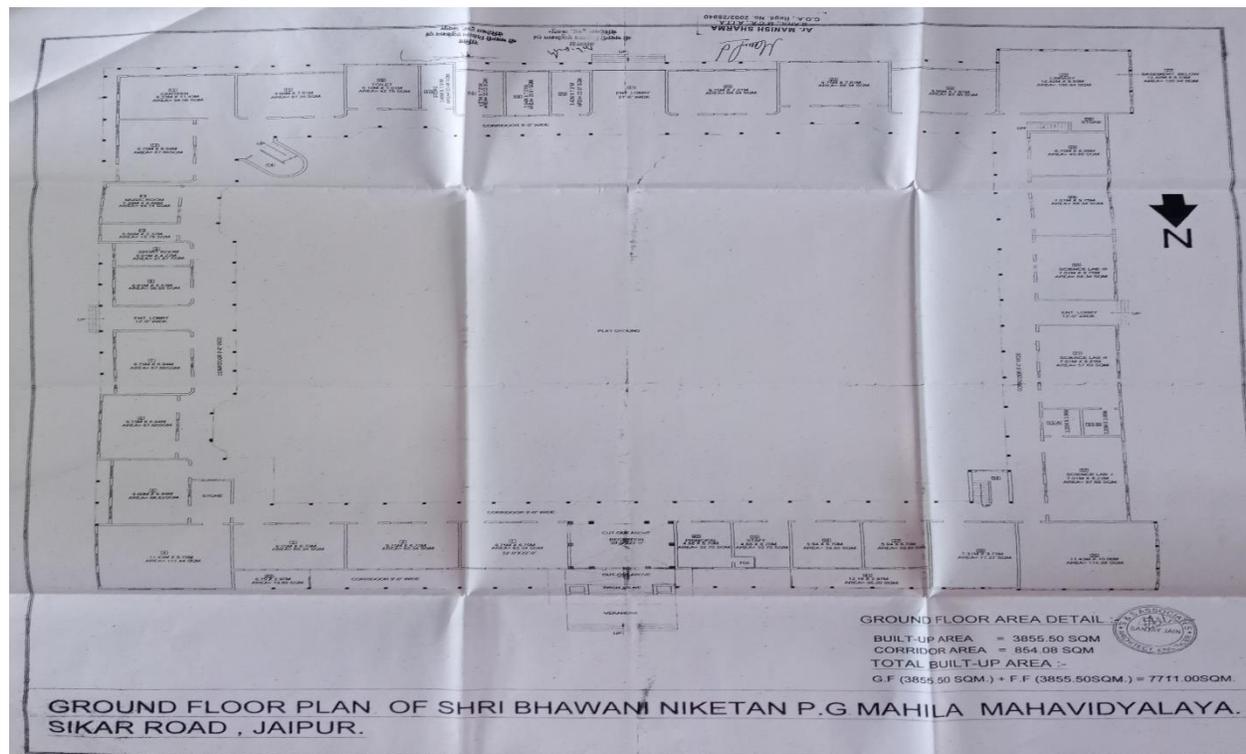
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# About college infrastructure floor area details



# Ground floor area details



Shri Bhawani Niketan Mahila PG Mahavidyalay, jaipur

Green Audit

- **INTRODUCTION:**

The green audit aims to analyse environmental practices within and outside the university campuses, which will have an impact on the eco-friendly atmosphere. Green audit can be defined as systematic identification, quantification, recording, reporting and analysis of components of university environment. It was initiated with the motive of inspecting the effort within the institutions whose exercises can cause threat to the health of inhabitants and the environment. Through the green audit, a direction as how to improve the structure of environment and there are include several factors that have determined the growth of carried out the green audit.

## 1. NEED FOR GREEN AUDITING

Green auditing is the process of identifying and determining whether institutions practices are eco-friendly and sustainable. Traditionally, we are good and efficient users of natural resources. But over the

period of time excess use of resources like energy, water, are become habitual for everyone especially, in common areas. Now, it is necessary to check whether our processes are consuming more than required resources? Whether we are handling resources carefully? Green audit regulates all such practices and gives an way of natural resource utilization. In the era of climate change and resource depletion it is necessary to verify the processes and convert it in to green and clean one. Green audit provides an approach for it. It also increases overall consciousness among the people working in institution towards an environment.

## **2. GOALS OF GREEN AUDIT**

University has conducted a green audit with specific goals as:

1. Identification and documentation of green practices followed by university.
2. Identify strength and weakness in green practices.
3. Analyse and suggest solution for problems identified.
4. Assess facility of different types of waste management.
5. Increase environmental awareness throughout campus
6. Identify and assess environmental risk.
7. Motivates staff for optimized sustainable use of available resources.
8. The long-term goal of the environmental audit program is to collect baseline data of environmental parameters and resolve environmental issue before they become problem.

## **3. OBJECTIVES OF GREEN AUDIT**

1. To examine the current practices, which can impact on environment such as of resource utilization, waste Management etc.
2. To identify and analyse significant environmental issues.
3. Setup goal, vision, and mission for Green practices in campus.
4. Establish and implement Environment Management in various departments.
5. Continuous assessment for betterment in performance in green

## **4. BENEFITS OF GREEN AUDIT TO EDUCATIONAL INSTITUTIONS**

There are many advantages of green audit to an Educational Institute:

1. It would help to protect the environment in and around the campus.
2. Recognize the cost saving methods through waste minimization and energy conservation.
3. Empower the organization to frame a better environmental performance.
4. It portrays good image of institution through its clean and green campus.

Finally, it will help to built positive impression for through green initiatives the upcoming NAAC visit.

## **5. OBJECTIVE AND SCOPE**

The broad aims/benefits of the eco-auditing system would be

- Environmental education through systematic environmental management approach
- Improving environmental standards
  
- Benchmarking for environmental protection initiatives
- Sustainable use of natural resource in the campus.
- Financial savings through a reduction in resource use
- Curriculum enrichment through practical experience
- Development of ownership, personal and social responsibility for the College campus and its Environment
- Enhancement of College profile
- Developing an environmental ethic and value systems in young people

## **6. EXECUTIVE SUMMARY**

An environmental audit is a snapshot in time, in which one assesses campus performance in complying with Applicable environmental laws and regulations. Though a helpful benchmark, the audit almost immediately Becomes outdated unless there is some mechanism in place to continue the effort of monitoring Environmental compliance. This audit report contains observations and recommendations for improvement of environmental Consciousness.

## **7. detail of greens and plants in campus**



Sr.no.	Botanical name	Local name
1.	<i>Adenium obesum</i>	Desert rose
2.	<i>Aegle marmelos</i>	Beel /wood apple
3.	<i>Alianthus excelsa</i>	Mahanimb
4.	<i>Albizzia lebeck</i>	Siris / Sira
5.	<i>Aloe vera</i>	Aloe vera / Gwarpatha
6.	<i>Alstonia scholaris</i>	Saptprani
7.	<i>Annona squamous</i>	Sitafal
8.	<i>Asparagus</i>	Satavari
9.	<i>Azadirachta indica</i>	Neem
10.	<i>Bauhinia</i>	Kachnar
11.	<i>Bombax ceiba</i>	Samal
12.	<i>Bougainvillea glabra</i>	Bougainvillea
13.	<i>Bryophyllum pinnatum</i>	Bryophyllum
14.	<i>Beaucarnea recurvata</i>	Ponytail palm
15.	<i>Caesalpinia pulcherrima</i>	Gulmohar
16.	<i>Callisia repens</i>	Turtle vine
17.	<i>Canna indica</i>	Kaili
18.	<i>Cascabela thevetia</i>	Pili kaner
19.	<i>Cassia fistula</i>	Amaltash

20.	<i>Catharanthus roseus</i>	Sadabahar
21.	<i>Chrysanthemum indicum</i>	Guladaudi
22.	<i>Citrus aurantiifolia</i>	Lemon
23.	<i>Crasula ovata</i>	Zade plant
24.	<i>Datura metel</i>	Datura

25.	<i>Delbergia sisso</i>	Sisham
26.	<i>Delonix regia</i>	Gulmohar
27.	<i>Dracaena reflexa</i>	Dracaena
28.	<i>Duranta erecta</i>	Nilkanta
29.	<i>Epipremnum aureum</i>	Pothos
30.	<i>Elaeocarpus angustifolius</i>	Rudraksha
31.	<i>Euphorbia tirucalli</i>	Pencil cactus
32.	<i>Euphorbia milii</i>	Crown-of-thorns
33.	<i>Ficus elastica</i>	Rubber plant
34.	<i>Ficus religiosa</i>	Pipal
35.	<i>Ficus benghalensis</i>	Bargad /Banyan tree
36.	Hibi	China rose

	scus Rosa sinensis	
37.	Lawsonia inermis	Heena
38.	Mengifera Indica	Mango / aama
39.	Moringa oleifera	Sahjan

40.	Murraya koenigii	Karipatta
41.	Musa paradisiaca	Banana / kela
42.	Kalanchoe adans	Kalanchoe
43.	Nerium oleander	Kaner
44.	Ocimum sanctum	Tulsi
45.	Opuntia elatior	Nagfani
46.	Plumeria alba	Champa
47.	Plumeria pudica	Nagchampa
48.	Portulaca grandiflora	Moss-rose / purslane
49.	Portulaca oleracea	Common moss
50.	Polyscias scutellaria	Asoka
51.	Psidium guajava	Guava
52.	Punica granatum	Pomegranate
53.	Rhoeo discolor	Rhoeo
54.	Rosa indica	Rose
55.	Salvia splendens	Salvia
56.	Sansevieria cylindrica	Spear plant
57.	Sansevieria zeylanica	Snake plant
58.	Syzygium cumini	Jamun
59.	Saraca asoka	Sita Asoka

60.	Tagets erecta	Genda
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61.	<i>Thuja orientalis</i>	Morphankhi
62.	<i>Tinospora cordifolia</i>	Giloy
63.	<i>Tagetes patula</i>	French marigold
64.	<i>Tradescantia pallida</i>	Purple queen
65.	<i>Callisia fragrans</i>	Basket Plant
66.	<i>Tradescantia spathacea</i>	Moses-in-the-cradle
67.	<i>Tradescantia zebrina</i>	Wandering jew
68.	<i>Volkameria inermis</i>	Sankutapli
69.	<i>Withania somnifera</i>	Ashwagandha
70.	<i>Cycus</i>	Cycus





## 8. Roof top solar panel

– Rooftop solar water heaters are installed in the campus building.

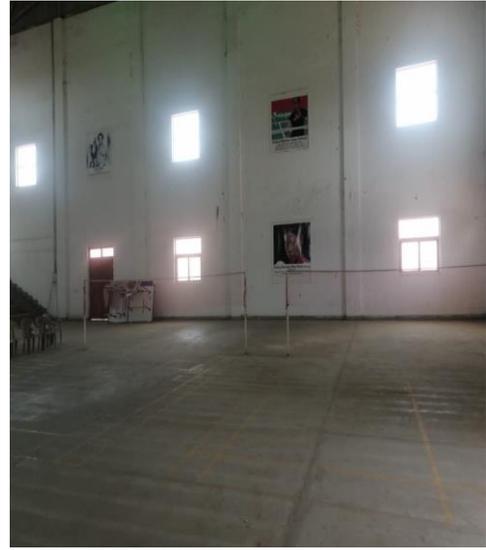


**9. Library** - the college library has a collection of 18200 books, 5 general, 17 magazines and Wi-Fi campus of 150 Mbps speed for students.



**10.sports facilities** – Excellent sports facilities and recreational activities are available and well maintained.

Indoor /outdoor games facilities - College has ground for cricket, basketball, table tennis, badminton, chess, carom, etc.







भारत सरकार

Government of India

युवा कार्यक्रम और खेल मंत्रालय

Ministry of Youth Affairs & Sports

युवा कार्यक्रम विभाग

Department of Youth Affairs

राष्ट्रीय सेवा योजना पुरस्कार 2018-19

NATIONAL SERVICE SCHEME AWARD 2018-19

प्रमाणित किया जाता है कि डॉ. रितु मेहरा, राष्ट्रीय सेवा योजना (रासेयो), कार्यक्रम अधिकारी, श्री भवानी निकेतन पी.जी. महिला महाविद्यालय, जयपुर,

राजस्थान को वर्ष 2018-19 के लिए कार्यक्रम अधिकारी श्रेणी में रासेयो पुरस्कार प्रदान किया जाता है।

Certified that Dr. Ritu Mehra, Programme Officer, National Service Scheme (NSS), Shri Bhawani Niketan P.G. Mahila Mahavidyalaya,

Jaipur, Rajasthan is awarded the NSS Award for the year 2018-19 in the category of Programme Officer.

नई दिल्ली/New Delhi

दिनांक/Dated : 24th September, 2020



उषा शर्मा/Usha Sharma

सचिव/Secretary

**11. Bank and ATM facility** – Bank and ATM facility is provided inside the campus for easy accessibility to the staff members and students.



**12.gymnast** – Gymnasium is provided inside the campus facility to encourage physical activity among the students.



**13. hostel facility** - Our Institutions provide hostel facilities for girls and the hostel building is located with in the college campus. The hostel has a total numbers of 40 well furnished rooms.



**14. First Aid room and Day Care centre** – These centers often provide medical facilities on campus where students can receive emergency treatment and preventive care.



**15.Fire extinguisher facility** – fire extinguishers are located in the campus.

**16.Sewage decomposition** – The Sewage decomposition tank is located in the premises and it not only save water but also help to keep the campus healthy with clean air.



**17.RO plant** - RO plant is provided inside the campus to supply water to the entire campus.

**18. Rainwater Harvesting** - The rainwater harvesting strengthens the water supply to the campus enhance water level of boring through ground water recharging process.



Water management- water conservation is a key activity as water availability effects on the development of the campus.

- **Sources of water-**

.Bore water - A main source of water is groundwater is extracted to full the requirement of campus .

Summary- Green Audit is one of the important tools to check the balance of natural resources and its judical use. Green auditing is the process of identifying and determining whether institutional practices are eco-friendly and sustainable. It is a process of regular identification, quantification, documenting, reporting and monitoring of environmentally important components in a specified area. Shree Bhawani Niketan Mahila PG Mahavidyalay has conducted a “Green Audit” in the academic year 2020-2021. The main objective to carry out green audit is to check the green practices followed by college and to conduct a well-defined audit report to understand whether the college is on the track of sustainable development.

**19.CONCLUSION-** From the green audit following are the conclusions, which can be taken for improvement in the campus.

- 1) All departments generate paper waste. Especially, academic building is using more one paper for printing and writing is good practices.
- 2) Reducing the use of one-time use plastic bottles, cups, folders, pens, bouquets, decorative items will be useful to solve the problem of plastic pollution to some extent.
- 3) Wear Mask Signages are provided in the facility.
- 4) Rainwater is collected from rooftop to recharge the ground water level table. 10.

**20.RECOMMENDATION** - Following are some of the key recommendations for improving campus environment.

- 1) An environmental policy document has to be prepared with all the recommendations and current practice carried by college.
- 2) A frequent visit should be conducted to ensure that the generated waste is measured, monitored and recorded regularly and information should be made available to administration.
- 3) The solid waste should be reused or recycled at maximum possible places.
- 4) Install a water meter to record water usage in the college premises.

## **21.Annexure**



## 22. Accreditation certificate



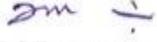
सत्यमेव जयते

# Certificate



Where there is Rural Wellbeing  
there is Universal Prosperity

*This is to certify that **Shri Bhawani Niketan Mahila P.G Mahavidyalaya, Jaipur, Rajasthan** is now a **Recognized Swachhta Action Plan Institution**. The Institution has successfully formed the Swachhta Action Plan Committee and constituted the working groups Post COVID-19 for **Sanitation & Hygiene, Waste Management, Water Management, Energy Management and Greenery** along with the observation of two environment related days to inculcate in faculty, students and community, the practices of Swachhta and Reduction, Reuse and Recycling of Resources.*

  
Dr. W G Prasanna Kumar  
Chairman

Mahatma Gandhi National Council of Rural Education  
Department of Higher Education, Ministry of Human Resource Development  
Government of India

No.:Cert.122/SAP /Jaipur/Rajasthan

हरित-भारत



# श्री कल्पतरु संस्थान

( प्रकृति एवं संस्कृति संरक्षण व संवर्धन को समर्पित )

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क्रमांक :

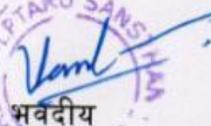
दिनांक : 24-5-2022

## प्रमाण पत्र

प्रमाणित किया जाता है कि श्री भवानी निकेतन महिला स्नातकोत्तर महाविद्यालय ने श्री कल्पतरु संस्थान एवं जयपुर विकास प्राधिकरण द्वारा आयोजित "ग्रीन जयपुर" अभियान के तहत पर्यावरण संगोष्ठी, पर्यावरण चेतना रैली एवं पौधारोपण जैसे आयोजनों में महत्वपूर्ण भागीदारी निभाई !

श्री कल्पतरु संस्थान सभी छात्राओं के प्रयासों की सराहना करते हुए उज्ज्वल भविष्य की मंगल कामनाएं करता है!

धन्यवाद !

  
भवदीय  
विष्णु लाम्बा

अध्यक्ष, श्री कल्पतरु संस्थान!

