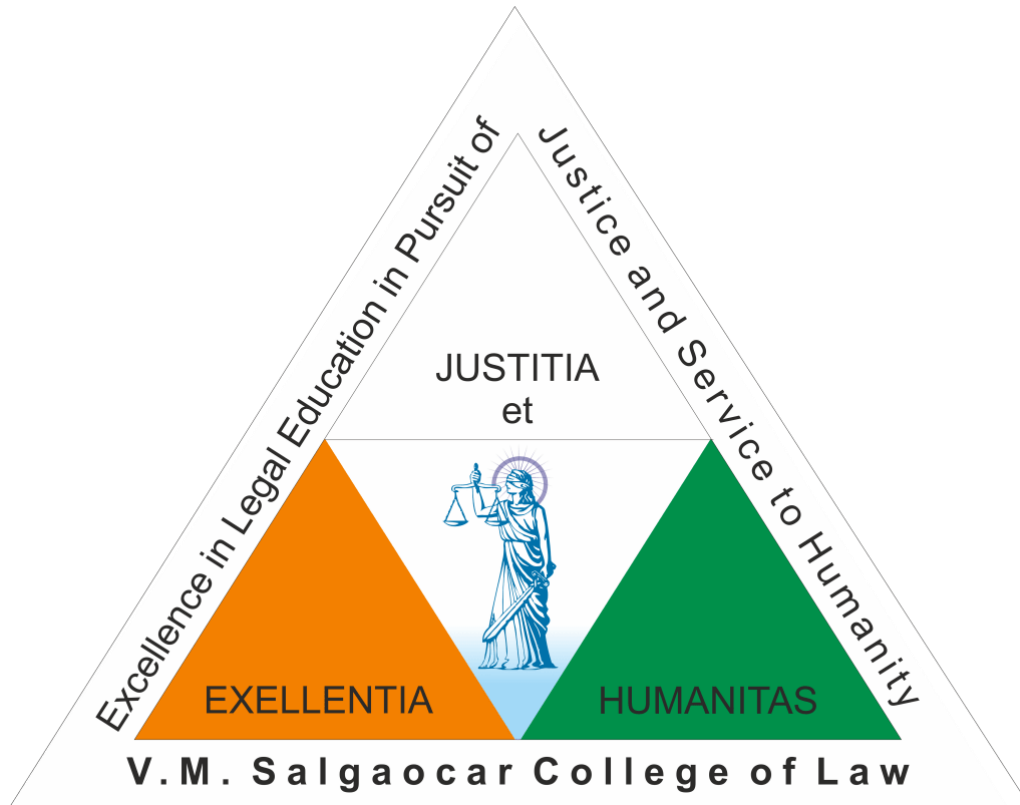


GREEN AUDIT REPORT (2021-22)

V.M.SALGAOCAR COLLEGE OF LAW, MIRAMAR



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Our special thanks are due to College Principal Dr. Shaber Ali G and Administrator Dnyaneshwar Pednekar for giving us all the support during conducting the Audit.

We are also thankful to members of the Green Committee including Dr. Sandhya Ram, Ashwini Naik and Meghana Kapdi for providing information and details of the various initiatives undertaken by the Committee.



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1. Introduction

The rapid urbanization and economic development at local, regional and global level has led to a severe environmental and ecological crises. While on one hand, resource depletion continues to occur at an alarming rate, on the other, waste generation has also increased considerably leading to serious disposal concerns. Keeping this in mind, it becomes essential to adopt Green Campus practices not just to reduce the ecological footprint of the college but to also be an example to students enrolled at the institution.

NAAC accreditation is mandatory for all the higher learning institutes, particularly state universities. Without NAAC accreditation, universities are not eligible for UGC grants, RUSA grants, financial aid etc. On the other hand, NAAC accreditation determines the quality of the institute in terms of education, infrastructure, research, teaching & learning etc. Institutes with top NAAC grades such as 'A++', 'A+' and 'A' are most sought-after institutes, as they offer high-quality education. On the other, all the recognized institutes of UGC must apply for NBA/ NAAC/ any other accreditation after the completion of the first or second batch of courses.

A Green Audit is assigned to the Criteria 7 of NAAC and can be defined as systematic identification, quantification, recording, reporting and analysis of components of environmental diversity. The 'Green Audit' aims to analyse practices within and outside the college campus, which will have an impact on environmental sustainability.

Through Green Audit, one gets a comprehensive insight into the various facets of operation which have an impact on the environment and means by which the carbon footprint of the college can be reduced through strategic initiatives to be undertaken by the Management.

Benefits of a Green Audit:

1. Green Audit could help to shield the environment against damage or pollution
2. Recognize the cost saving methods through waste minimizing and managing strategies
3. Point out prevailing and forthcoming inadequacies and misdoings and understanding scope for future improvement
4. Authenticate conformity with the various environmental laws and guidelines laid down by the government
5. It portrays a good image of the institution thereby helping to build better relationships with the various stakeholders involved
6. Enhance the efficacy for environmental guidelines and duties set up by the college

V. M. Salgaocar College of Law, is deeply concerned and unconditionally believes that there is an urgent need to address fundamental issues and reverse the existing trends of functioning. The purpose of the audit was to ensure that the practices followed in the campus are in accordance with the Green Policy adopted by the institution

2. About the College

V.M. Salgaocar College of Law which today features as a respectable and foremost name in the field of legal education in India, was established in the year 1973. The college is centrally nestled in the heart of Goa at Miramar adjoining the capital city, Panaji, yet away from the hustle and bustle of the city thus providing a conducive environment to pursue legal education over a lavish area ad-measuring 7831 square meters. Honors received in the name of ***Institutional Excellence Award*** from Society of Indian Law Firms, ***Community Engagement Awards*** from Herbert Smith Freehills and the ***Knowledge Steez Legal Aid Award*** from Knowledge Steez, Delhi, all stand testimony to the same.

V.M. Salgaocar College of Law offers the Five Year Integrated double degree B.A. LL.B., Three year LLB Degree, the two year post graduate LL.M programme, Ph.D program as well as a Diploma in Civil Law.

Legal Aid is a unique activity, which is in consonance with the college motto of excellence in legal education in pursuit of justice and service to humanity. The ADR board which is inculcating among its students, the amicable settlement approach rather than adversarial approach towards client's issues is another important aspect of our efforts in clinical legal education. The College's Child Rights Clinic is the first clinic of its kind in the State of Goa which is an on campus clinic where the students under guidance of their faculty, offer legal assistance, advice and facilitate access to justice for children whose rights have been violated. Consumer Clinics provide an opportunity to the students to actively participate and represent the clients before the Consumer Forums.

Moot Court is the oldest and longest activity of the college. Number of students aspiring to be Mooters participate on selection, in national moot court competitions. Lex Infinitum-the International Dispute Resolution Competition held each year, provides law students with an opportunity to showcase their ADR skills and techniques.

Besides a vast library and completely digitized class rooms, Memorandums of Understanding with foreign universities, the Salgaocar Law Review, the Contemporary Legal Development Forum, Trial Advocacy, the various Law Clubs as well as the Economic and Innovative forum, and Communication Club, are activities conducted to enrich the learning experience of the students

V.M. Salgaocar College of Law is committed to and direct its activities towards securing

- Excellence in Legal Education
- Responsible citizenship
- Social justice and humanism
- Fraternity and common brotherhood
- Compassion and respect for fellow beings and for the environment
- Professionalism, ethics and integrity of thought and action
- Equality of opportunity
- Freedom of ideas and novelty of thoughts,
- Scientific temper and the spirit of inquiry and reform

3. Objectives of the Study

The prime objective of a green audit is to promote the Environment Management and Conservation in the College Campus. The purpose of the audit is to identify, quantify, describe and prioritize framework of Environment Sustainability in compliance with the applicable regulations, policies and standards.

The main objectives of carrying out Green Audit are:

- ❖ To introduce and make students aware of the real concerns of environment and its Sustainability.
- ❖ To secure the environment and reduce threats posed to human health by analysing the pattern and extent of resource use of the campus.
- ❖ To ensure optimum utilization of resources.
- ❖ To establish a baseline data to assess future sustainability by avoiding the interruptions in environment that are more difficult to handle and their corrections requiring high cost.
- ❖ To bring out a status report on environmental compliance.
- ❖ To be able to continually improve the environmental performance of the college

4. Methodology

The methodology to perform the green audit included different tools such as physical inspection of the campus, observation and review of the documentation, interviewing key persons and data analysis, random interaction with students and staff, measurements where required and recommendations. It worked on the several facets of 'Green Campus' including

- ✓ Waste management
- ✓ Energy Conservation
- ✓ Water management
- ✓ Biodiversity and Green Areas
- ✓ Sustainable Transportation
- ✓ Green Procurement and Development
- ✓ Eco-friendly practices
- ✓ Environmental Awareness
- ✓ Policy interventions

A Green Audit involves the following steps

A. Pre-Audit:

- I. Plan the audit
- II. Select the audit team
- III. Schedule the audit facility
- IV. Acquire the background information
- V. Visit the site On-site

B. During Audit Process on Site:

- I. Understand the scope of audit
- II. Analyze the strengths and weaknesses of the internal controls
- III. Conduct the audit
- IV. Evaluate the observations of audit program
- V. Prepare a report of the observations side by side

C. Report Preparation:

- I. Produce a draft report of the data collected
- II. Produce a final report of the observations and the inference with accuracy
- III. Distribute the final report to the management
- IV. Prepare an action plan to overcome the flaws Keep a watch on the action plan

5. Observations and Recommendations

Control objective	Control(s)	Audit Observation	Recommendations
	Reduce the absolute amount of waste that it produces from college staff offices.	<ol style="list-style-type: none"> 1. There is a shift towards sending mails over letters for notices 2. Undertaking assignment/project submissions in soft copy is also being encouraged 3. No means are identified for storage or reuse of one sided paper for reuse 4. College staff are instructed to bring their own tea cups thereby reducing the need for paper cups 	<ol style="list-style-type: none"> 1. Arrangement should be made for collection of paper from the office and staff rooms to be reused when possible, especially for use on the notice board 2. The same may be sold for recycling to authorized collectors 3. Attempts shall be made to reduce items requiring/using excessive packaging during celebration of functions
Maximize the proportion of waste that is recycled & minimize the quantity of non-recyclable refuse	Make full use of all recycling facilities provided by City Municipality and private suppliers, including glass, cans, white, coloured and brown paper, plastic bottles, batteries, print cartridges, cardboard and furniture.	<ol style="list-style-type: none"> 1. Only one dustbin is provided in classrooms and staff rooms, which is not conducive to proper segregation 2. Segregation of collected mixed waste is undertaken at the waste storage area of the college into multiple fractions before being handed over to CCP 	<ol style="list-style-type: none"> 1. Two bins must be provided at each staff room and classroom to inculcate the habit of waste segregation. 2. Further segregation may be encouraged such as PET, Tetra Pak, Cardboard, plastic packaging, paper, MLP etc. 3. The services of companies such as Ayya Waste Management must be used so as to sell all segregated material
	Compost, or cause to be composted, all organic waste, green waste and un-recycled cardboard produced in or collected from	<ol style="list-style-type: none"> 1. The canteen is not in operation due to the COVID restrictions due to which the vermicompost pits are not in use 2. A pit has been dug for dumping of leaves towards one side of the property 	Multiple, cost-effective leaf composting system may be set up considering the large area and green belt in the campus.

	kitchens, gardens, offices and rooms.		
	Recycle or safely dispose off E-waste such as computers and electrical appliances.	<ol style="list-style-type: none"> 1. No records of disposed E-waste are maintained 2. An E-waste Awareness Session was conducted by a PRO but the collection drive was postponed due to the 2nd COVID wave 	<ol style="list-style-type: none"> 1. College may sign an MoU with any GSPCB Approved E-waste Vendor for disposal and awareness creation on E-waste. The three available options are Global E-waste Management Systems, Group Tenplus or Karo Sambhav 2. Annual E-waste Returns should be filed to the GSPCB before 30th June each year as per the requirements of the Rukes
	Provide sufficient, accessible and well-publicized collection points for recyclable waste, with responsibility for recycling clearly allocated	<ol style="list-style-type: none"> 1. No separate collection of paper or other dry waste provided in classrooms, offices or staff rooms 2. Bins have been provided at a common area, outside the library, for storage of various recyclable waste fractions 	At least paper segregation must be encouraged at each room of the college given higher generation rates, in addition to another bin for dry waste
	Make specific arrangements for events, such as cultural Events, internal and external seminars and conferences, where significant recyclable waste is likely to be produced, in order to both minimize the waste produced and maximize what is recycled/reused	<ol style="list-style-type: none"> 1. Use of banners are avoided whenever possible by projecting details on a screen 2. Only paper cups and plates are used 3. Plastic water bottles are generally provided to guests 	<ol style="list-style-type: none"> 1. to reduce plastic generation, a reusable large 20 lt. bisleri can may be used for dispensing drinking water to guests 2. In case catering service is used, the provider must be mandated to bring along washable plates and cutlery to reduce quantum of garbage generated
	Promote reuse of items and waste recycling among staff, students and conference guests through	<ol style="list-style-type: none"> 1. No awareness posters seen on segregation and recycling within the campus 2. A seminar of E-waste Management 	<ol style="list-style-type: none"> 1. Better awareness on waste management and segregation through posters or sketches in common areas 2. Poster making/wealth from waste

	training, posters and incentives	and Recycling was organized for the staff of the college	competition could be conducted on the topic 3. Collection drives for dry waste may also be undertaken in association with waste management organizations with the proceeds used for lucky draw/prizes
Reduce energy consumption, especially of energy derived from fossil fuels	Look in to the possibility of on-site generation of renewable energy	1. 18 solar powered external led lights are installed at various locations within the campus 2. No solar PV systems for power generation have been installed	In case of shifting of the campus or any new constructions, priority must be given to installation of solar panels on the south facing roofs for electricity generation
	Give preference to the most energy efficient and environmentally sound appliances available, this includes only using energy-saving light bulbs	1. The college has almost completely phased-out mercury containing lamps such as CFL's and Tubeights by replacing them with energy efficient LED bulbs and tubelights 2. Some 2 star rated AC's are still seen in the campus.	1. Priority should be given to use of a minimum 4 star rated appliances within the college 2. Due diligence should be undertaken to choose products with longer lifespans 3. Storage and disposal of these electronic fixtures must be done as per the e-waste Rules
	Encourage staff, students and conference guests to save energy through visible reminders, incentives and information to increase awareness.	1. Class rooms and all common areas have reminders to switch off the lights 2. All switches in the computer lab were found to be on in spite of none of them being in use. 3. Car-pooling is encouraged among students and staff members	1. Install IEC material in the computer lab instructing all systems to be switched off when not in use 2. A system of accountability could be devised in case of non-compliance 3. Special recognition or a facilitation for staff and students opting for car pooling 4. A list of bus routes and timings may be made available to nearest areas for those intending to use public transport

	Ensure that all electronic and electrical equipment's, such as computers, are switched off when not in use, and is generally configured in power saving mode when such option is available	<ol style="list-style-type: none"> 1. Computers were found to be switched off when not in use 2. No specific guideline or instruction for power saving at the computer labs or office 	<ol style="list-style-type: none"> 1. Computer labs may have an auto shut down software in case of over 20 minutes of idling. 2. Screen off mode may be applied after every 5 minutes of idling 3. All office computers/laptops should be used in power saving mode
Minimize consumption of water	Repair sources of water leakage, such as dripping taps and showers as quickly as possible.	<ol style="list-style-type: none"> 1. Specific areas are divided between MTS staff for better accountability 2. No defined procedure in place for reporting leakages 	<ol style="list-style-type: none"> 1. Students council representatives can be given responsibility to report leakages and follow up with repairs 2. Register for reporting leakages could be maintained at the office and checked periodically by the person responsible
	Install appliances which reduce water consumption	<ol style="list-style-type: none"> 1. Most toilets are single flush 2. Flow rates of taps are relatively high 	<ol style="list-style-type: none"> 1. Dual flush WC's should be prioritized over the conventional single flush at the time of replacement 2. Flow retarders may be installed in all taps to reduce flow rates
	Encourage a decrease in water usage among staff, students and conference guests	No instructions provided in common rooms to switch off taps or save water	IEC material for increasing awareness on water conservation can be placed/stuck in common rooms
	Conduct testing of potable water to make sure that drinking water standards are adhered to.	No testing of drinking water parameters conducted	Drinking water testing must be carried out once every 6 months by NABL accredited laboratory such as Sadekar or Italab to confirm biological and chemical standards for drinking water
	Install Water recycling mechanism, such as rain water harvesting system	<ol style="list-style-type: none"> 1. Rainwater from two sections of the roof is drained through downpipes into a central well which is used for various non-potable purposes in campus 2. Common drain is available for diversion of sewage 	<ol style="list-style-type: none"> 1. Ensure a means to prevent overflow and flooding of wells in extreme conditions, given relatively high water tables in the area 2. Low-cost STP using EM may be explored with the treated water used for landscaping

Biodiversity and Green Areas	Establish a Garden in the campus to improve biodiversity in the campus	<p>1. The college campus has a central garden area with a range of plant species. Various fruit bearing trees were also observed within the campus.</p> <p>2. A patch has also been developed exclusively for vegetable cultivation. Currently over 10 vegetable varieties are being cultivated</p> <p>Details are provided in annexure 1</p>	1. Large barren areas were noticed in the campus, which may be used to grow patches of medicinal plants, air purifying/high oxygen releasing plants such as Areca Palm, Money Plant, Gerberas etc. Flowering plants with the intention of increasing biodiversity can also be looked into.
	Encourage the faculty and students to plant trees in the garden.	1. The college has been regularly celebrating Van Mohotsav, World Environment Day and other auspicious occasions by planting trees and agricultural crops in and around the campus.	1. Spaces may be identified within the campus for planting of medicinal, flowering and fruit bearing plants and trees that would encourage and increase biodiversity within the campus
Minimize the use of unsustainable transport	Make available information about bicycle and pedestrian routes, public transport services and car share schemes to staff and students.	No such information available to students	<p>1. Bus timings for routes surrounding Panaji could be made available on the notice board</p> <p>2. Provide a college bus for students in and around Panaji</p> <p>3. Have an app/system in place for car pooling</p>
	Promote car sharing / car pool among the students and faculty Members	No initiative to promote carpooling	<p>1. Car pooling should be incentivized/recognized through public acknowledgement/rewards etc.</p> <p>2. No fuel day may be practiced annually</p> <p>3. At least one 15amp socket may be provided at an easily accessible location for those wanting to charge electric vehicles (EV's)</p>
	Seek and act upon professional advice in order to minimize the adverse environmental impact of any new developments and	No new developments are envisaged by the management	Indian Green Building Council (IGBC) and GRIHA accredited professional may be part of the environmental committee of the College

<p>Ensure that improvements, purchases and developments are environmentally sound</p>	<p>exceed government regulatory requirements</p>		
	<p>Purchase efficient and environmentally sound appliances and consider replacing old stock with 'greener', more efficient alternatives.</p>	<p>1.All obsolete lighting fixtures are now being replaced by LED's tubelights and bulbs 2. AC's are largely 2 or 3 star rated 3. AC Coolant is currently R22</p>	<p>1. Care must be taken to dispose obsolete tubelights and CFL's according to E-waste Rules 2. New procurement of refrigerators, AC's, TV's etc. should be at least 4 star rated AND having HFC's or other chlorine free coolants (R32/R-410A OR R23) 2. RoHS Compliant electronics should be mandatory 3. Products with longer life to be given preference</p>
<p>Minimize the use of chemical pollutants</p>	<p>Ensure that all cleaning products used by college staff have a minimal detrimental impact on the environment, i.e. are biodegradable and non-toxic</p>	<p>Chemical floor washing liquids are currently in use</p>	<p>Preference must be given to eco-friendly/organic cleaning agents</p>
	<p>Minimize the use of fertilizers and pesticides in college grounds, opting for the use of compost produced on site wherever possible</p>	<p>1. No chemical fertilizers or pesticides are used within the campus. 2. While a pit was present, on-site compost was not available due to the canteen being shut over the past 2 years</p>	<p>1. Given ample availability of leaves, mulching may be practiced in the campus to reduce watering and weeds 2. A Khamba system of composting may be used for the college staff during periods of online classes to provide for small amounts of compost or the same may also be procured from the CCP or other sources</p>
	<p>Reduce the practice of burning plastic and other material that</p>	<p>No signs of waste burning were observed during the Audit</p>	<p>Burning of even organic material such as twigs, logs and leaves must be prohibited within the</p>

	emit harmful gas on burning is prevented in the campus.		campus due to its contribution to Global Warming
Ensure that environmental awareness is created	Conduct environmental awareness workshops as a part of the program.	<ol style="list-style-type: none"> 1. A two day Advanced Workshop on Biological Diversity and Access and Benefit Sharing was organised by the College in collaboration with NLSIU Bangalore under the UNDP GEF (Global ABS Project) on 3rd & 4th May 2019 2. A one day workshop on Agriculture Water Use Management, Law and Policy in India was organized in collaboration with CEERA, NLSIU and ICAR 	Seminars, debates, essays or paper presentation on current environment issues such as mining ban, new CRZ notification, farm laws etc. may be conducted to improve student awareness
	Conduct events such as plant trees to spread environmental awareness among the students	<ol style="list-style-type: none"> 1. The college has been regularly celebrating Van Mohotsav, World Environment Day and other auspicious occasions by planting trees and agricultural crops in and around the campus. 2. Grow your own vegetables campaign was initiated in Jan 2021 where various types of vegetables were planted in the college campus 3. Paper bags were distributed by NNS volunteers to retailers across the State as part of Swachhta Pakhwada initiatives prior to the COVID Pandemic. 4. Movie Screening was organized in the college International Tiger Day – 29th July 2019 	<ol style="list-style-type: none"> 1. Nearby beach clean-ups may be undertaken with CCP or other interested stakeholders 2. Plastic and E-waste collection drives may also be undertaken by the college open to the staff and general public 3. Other measures include street plays on relevant topics on sustainability and environmental protection
	Promote environmental	1. An MoU was signed between the	1. MoU's and internships with environmental

	awareness as a part of course work in various curricular areas, independent research projects, and community service	college and Goa State Biodiversity Board where assistance for empirical research was one of the many objectives 2. The college library encourages reading of local newspapers and has a range of books related to environmental sciences	consultancy firms or government organizations such as GSPCB or GWMC could be explored 2. The Legal Aid Cell and other college groups can undertake community level research and handholding on various environmental issues such as pollution, waste management etc.
Health and Hygiene of students and staff	Provide sports and recreation facilities to students	1. A full-fledged gym is available for use by the students 2. The college also has an outdoor volleyball and badminton court 3. The College also has a sports Unit and Sports Policy which identifies, trains and supports budding talent in various sports	Given a lack of outdoor sporting facilities in the college, opportunities may be provided to students through association with nearby colleges or sporting facilities
	Ensure that healthy eating practices are encouraged	The college canteen menu does not seem to have an option of healthy meals	1. More hygienic, nutritious and healthy food options may be provided in the canteen as part of the menu. 2. Awareness to be created on importance of nutrition and eating healthy
Ensure that the Environmental Policy is enacted, enforced and reviewed	Establish a College Environmental Committee that will hold responsibility for the framing, enactment, enforcement and review of the Environmental Policy.	The College has an active Green Committee, which may be expanded to form an environmental committee.	1. Committee should be formed and formalized within a month of submission of the final audit report. 2. The committee shall consist of the Principal, Teacher of EVS/Environmental Law, senior management rep, admin representative, a senior housekeeping staff and few students
	Ensure that on the Environmental Committee there will be the Green Officer from an external agency who is engaged in the profession of	-	Green Officer to be appointed at the earliest

	providing guidance on environmental impact		
	Ensure that the Environmental Policy is enforced and clearly visible in common areas of the College	<ol style="list-style-type: none"> 1. There is a Green Environment Policy covering an array of sustainability initiatives. The Policy is attached as Annexure 2 2. The same is however not accessible in the campus 	<ol style="list-style-type: none"> 1. The environmental policy for the college shall be improved and detailed after formation of the environmental committee 2. The same shall be accessible to students and placed in common areas of the building
	Ensure that an audit is conducted annually and action is taken on the basis of audit report, recommendation and findings	A Green Audit has not been conducted in the college in the past 3 years	<ol style="list-style-type: none"> 1. Suggestions requiring behavioural changes or systems to be put in place should be implemented within three months of submission of audit report 2. A timeline for other recommendations may be shared
	Require that every staff and student member recognizes their responsibility to ensure that the commitments in the Environmental Policy are properly put into practice	The audit report will be circulated to all departments and the college student committee shall be given a detailed run-through of the same	

6. Site Pictures



Dustbins Placed for Waste Segregation



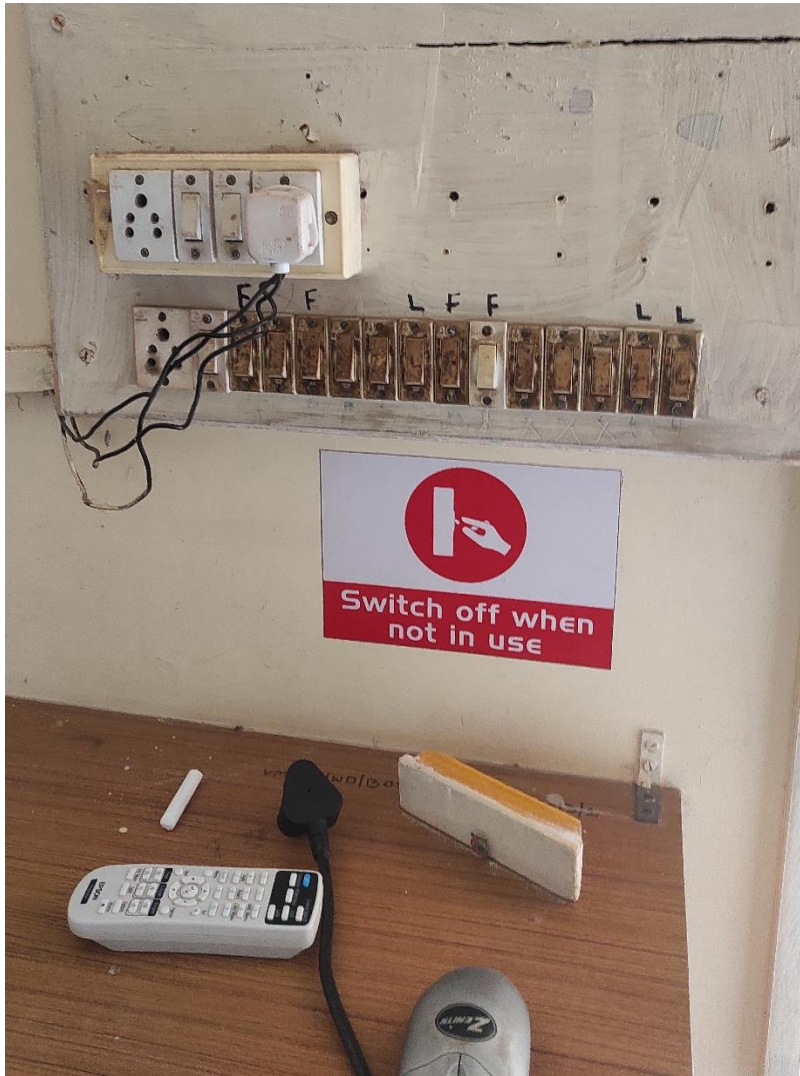
Mixed Waste before Segregation



On-site Composting Tank



Pit Based Leaf Composting



Signages for Energy Conservation



External LED Solar Lights



Rainwater Harvesting Sytem



No IEC material on water conservation

Green Audit Report: V. M. Salgaocar College of Law, Miramar



Central Garden Area



Vegetable Patch



College Canteen



College Gym

Green Audit Report: V. M. Salgaocar College of Law, Miramar



Newspaper Zone



Books on Environmental Sciences in the College Library



Seminar on Biological Diversity and ABS



MoU Signing with GSBB



Distribution of Paper Bags and Awareness Creation by NSS Valunteers

oHeraldo
The Voice of Goa

VMSCCL Miramar holds workshop on Agriculture Water Use Management, Law and Policy in India

Devi Sharvani Education Society's V.M. Salgaocar College of Law in collaboration with Centre for Environmental Law, Education, Research and Advocacy (CEERA) and National Law School of India University, Bangalore (NLSIU) and Indian Institute of Water Management, Bhubaneswar and Indian Council of Agricultural Research (ICAR) conducted a one-day consultative workshop on Agriculture water use management, Law and Policy in India on March 31st, 2021.

Principal, VMSCCL, Dr. G. Shaber All gave the Welcome Address at the said workshop. Prof. Dr. Sairam Bhat, Coordinator, CEERA, NLSIU, Bangalore then enlightened the audience regarding the concept of agricultural water and spoke of its vitality in on the industrial and commercial front besides being of utility for drinking purpose. That aside, Dr. Bhat also addressed the participants on the Coca Cola case in Kerala and the Kaveri water dispute between the states of Karnataka and Tamil Nadu and stressed on the need for having a uniform law relating to water use and management in India. This was followed by the Address of the Chief Guest for the workshop, Shri. Neel Alphonso, Director, Directorate of Agriculture, who spoke about the need for water for agriculture purpose. The vote of thanks for inaugural session was delivered by Prof. Dr. Priya Onskar, VMSCCL. Session I for the workshop was moderated by Prof. Dr. Kim Couto.

VMSCCL. The session titled 'Legal Reforms in the Water Sector' was taken up by Prof. Dr. Sairam Bhat, Coordinator, CEERA, NLSIU; the session on 'Agricultural Water Rights in India' was taken up by Li- anne Lucia D'Souza, Research Fellow, CEERA, NLSIU, Bangalore; the session on 'Agricultural Water Law and Policy: Goan Perspective' was conducted by Dr. G. Shaber All, Principal, VMSCCL and the session titled 'Integrated Water Resources Management' was taken up by Ms. Elsa Fernandez, Faculty, Goa Polytechnic, Altinho. The 2nd session was moderated by Prof. Dr. M.R.K. Prasad, VMSCCL, wherein the session on 'Sustainable Agricultural Practices' was taken up by Dr. Sachin Tendulkar, CEO, Mineral Foundation of Goa; the session on Drip Irrigation Technology to save water was conducted by Sujay Shanbhav, Agricultural Officer, Koshi Bhawan, Torca and the final session on Beneficial Schemes available with WRD in Goa was taken up by Shri. Aniksh Caonkar, Executive Engineer, Mangro Water Resource Department. The said workshop concluded with a brief Q & A session.

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Article on Agriculture Water Use Management Seminar

Vanmohotsav Celebration



2 Star AC's



Chemical Cleanng Reagent

7. Annexures

ANNEXURE 1: List of Flora

List of vegetables grown within the college

- Broccoli
- Cauliflower
- Sweet Corn
- Red Amaranthus
- Raddish
- Cluster Bean (Tidki Midki)
- Beetroot
- Spring Onion
- Chillies
- Turnip
- Brinjal
- Lady Finger

List of Trees

- Mango
- Coconut
- Banana
- Pineapple
- Amla
- Tamarind
- Soursop
- False Badam (Terminalia catappa)
- False Ashoka (Polyalthia Longifolia)

List of Ornamental Plants/Othershrubs

- Dracaena sp.
- Philodendron sp.
- Dieffenbachia sp.
- Canna sp.
- Phalaris sp. (Ribbon Grass)
- Chenopodium sp. (Goose Foot Climber)
- Spathoglottis sp. (Ground Orchid)
- Nephrolepis sp. (Boston Fern)
- Caladium sp.
- Sygonium sp. (Arrohead Plan)
- Ixora sp.
- Crotons
- Ficus sp.
- Ortelao

ANNEXURE 2: Environmental Policy

Green Environment Policy

Devi Sharvani Education Society's

V.M. Salgaocar College of Law, Miramar

Objectives of the Green Initiative Policy

The broad objective of the Green Initiative policy is to protect and conserve ecological systems and resources within the campus.

1. To integrate environmental concerns into policies, plans and programmes for social development and outreach activities like NSS and the Legal Aid Cells of the college.
2. To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practice and the reduction of any adverse effects on the environment.
3. To continuously improve the efficient use of energy and water resources and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
4. To make the campus plastic free.
5. To conduct environmental and energy audits from time to time.
6. To minimize the use of paper in administration through having policy for E-governance.

a) Clean Campus Initiatives

V. M. Salgaocar College of Law had pledged to actively coordinate and participate in the cleanliness activities in the college and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan.

In continuance with this Programme, the college follows the following policies:

1. Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives.
2. Activities under 'Swachh Bharat Abhiyan' will be a key component of all the community work being done by NSS and Legal Aid Cells of the college.
3. Staff Members will be encouraged to participate in the cleanliness drive in the college campus on days like Independence Day, Republic Day, and Gandhi Jayanti and so on.
4. Events such as poster and slogan competitions, essay writing, spoken word poetry, speeches, skits on 'Swachh Bharat' will be organised.
5. Rallies on themes connected with 'Swachh Bharat Abhiyan' in and around the college campus will be conducted to create mass awareness.
6. Remove all kinds of waste material like broken furniture, unusable equipment etc.
7. Conduct workshops on the 3Rs: Reduce, reusing and recycling of waste.

b) Clean Air Initiatives

The college encourages the students as well as the staff to use public transportation.

Carpooling is done by many of the staff members as well as students while coming to the college. This is an activity that is undertaken to control air pollution and strengthen social interaction. The entry of automobiles inside the campus is restricted to discourage the use of private vehicles.

c) Smoking Free Campus

Smoking and use of tobacco in and around the campus is strictly prohibited. The grievance redressal committee of the college ensures enforcement of the antismoking policy.

d) Infrastructural Initiatives

□ **Energy Saving and Energy Efficient Equipment**

VMSCL is committed to install environment-friendly electrical appliances that saves energy and reduce wasteful inefficiencies. The college believes in using cleaner energy such as LED lighting.

□ **Water Conservation through Rainwater Harvesting System**

V.M. Salgaocar College has also been practicing rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater.

□ **Waste Management Processes**

The College is dedicated to reduce and manage the waste generated by the college campus. For these following measures have been undertaken by the team;

1. Solid Waste Management by engaging itself with the 3Rs of environment friendliness (Reduce, Reuse and Recycle).
2. Collecting paper waste produced on campus and collaborating with scrap dealers for recycling of the same.
3. Reduce use of paper by supporting digitization of attendance and internal assessment records.
4. Reduce requirement of printed books by updating the e-books and e-journals collection of the college library. For this the College has subscribed to Lexus Nexus and N-Lib which gives digital access to the books.
5. Encourage the students and teachers to use emails for assignment submissions.
6. From time to time the college organises workshops for students on solid waste management.
7. Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush etc.
8. E-Waste Management by collecting e-waste on regular intervals and giving it to e-waste recycling companies to get electronic waste recycled.

□ **Plastic-Free Campus**

In view of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastic use and pollution, the college administration has strictly banned the use of single use plastics in its premise to make it a 'Plastic Free Campus'

DETAILS OF ENVIRONMENT INITIATIVES FOR EXISTING/OPERATING/ NEW BUILDING (IF RELEVANT)

Solar Power Plant: Use of Solar Lights around compounds in the campus

Installation of Energy Efficiency Equipment

Water Conservation through Rainwater Harvesting System