

ABHINAV EDUCATION SOCIETY'S INSTITUTE OF MANAGEMENT AND RESEARCH.

(Approved by AICTE New Delhi, Affiliated to Savitribai Phule Pune University, Pune)

S. No. 23/3/2/2, A/P Narhe, Tal.- Haveli, Pune-411041

Email: abhinavmba.institute@yahoo.com



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DIRECTOR

7.1.2 Policy document on the Green Campus and Plastic free Campus

Sr. No.	Reports and Audit
1	Energy Audit
2	Waste Audit
3	Water Audit
4	Health and Hygiene audit
5	Dry and Clean Plastic Audit
6	Environment Audit
7	Ecological Audit
8	Energy Audit

GREEN AUDIT

2022-23

AUDIT REPORT

Studied for

Abhinav Education Society's

Institute

of Management And Research

S.No.,23/3/2/2, A/P Narhe. Tal. Haveli., Pune – 411041

Analysed by



01/09/2023

Disclaimer

Green Audit Team has prepared this report for the **Abhinav Education Society's Institute of Management & Reserch** *located at S.No. 23/3/2/2, A/P. Narhe., Tal. Haveli. Pune – 411041* based on input data submitted by the Institute analysed by the team to the best of their abilities.

The details have been consolidated and thoroughly studied as per the various guidelines for Green Buildings available in National and International Standards; the report has been generated based on comparative analysis of the existing facilities and the prerequisites formulated by various standards. The inputs derived are a result of the inspection and research. These will further enhance and develop a Healthy and Sustainable Institution.

These can be implemented phase wise or as a whole depending on the decision taken by the Hon'ble Management and Institute. The warranty or undertaking, expressed or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report.

The audit is a thorough study based on the inspection and on-site investigation of data collected over a period of time and should not be used for any legal action. This is the property of Kuldeep e waste solution and should not be copied or regenerated in any form.

The Report is prepared by the Team of Kuldeep e waste Solutions under their brand and department – Sustainable Academe as Consultancy firm along with Ar. Nahida Shaikh as an Accredited Green Building Professional.

Kuldeep E-Waste Disposal

MPCB Authorised eWaste Management Company

Sr. No. 66/1B/, Near Ayyappa Swami Temple,
Santosh Nagar, Katraj. Pune. 411046

kcomputerscrap@gmail.com



Acknowledgement

Kuldeep E – Waste thanks the **Abhinav Education Society's Institute of Management & Reserch, Pune** for assigning this important work of Green Audit. We appreciate the cooperation extended to our team during the entire process.

Our special thanks are due to Hon. **Mr. Rajeevji Jagtap**, Chairperson; **Hon. Mrs. Suneeta R. Jagtap**, Secretary; and everyone from the Management.

Our heartfelt thanks to Chairperson of the entire process **Dr. Abhineet Kaiwade, Hon'ble Director** for her valuable inputs.

We are also thankful to **Institute's Task force the faculty members for the excellent coordination during the entire process.**

The kind gesture for the inventory and data collection of the **Admin Department** is quite commendable.

We highly appreciate the assistance of **the entire Teaching and Non-teaching staff** for their support while collecting the data.

Kuldeep E-Waste Disposals, Santosh Nagar, Katraj. Pune. Maharashtra- 411046



1. Introduction

1.1 About Abhinav Education Society

It is a humanitarian, service organization which endeavors to reach out to society through its services in the fields of education and social welfare.

1.2 Statements of the Institute

Vision - A pioneering institute for nurturing managers, leaders and entrepreneurs with heart - based leadership, skills for the VUCA world and professionalism.

Mission - Empower students through provision of affordable, quality management education that is value based.

M1: To provide quality education and training in different functions and areas of management to help successfully take up the practice of management/ entrepreneurship in traditional and emerging businesses, social sectors and other human organisations or take up research/higher studies

M2: To equip students with essential life and lifelong learning skills to adopt, adapt and constructively respond to challenges thrown up by the VUCA world [specialized certifications - leading to professional development]

M3: To impart character and competence building education that inspires ethical behaviour and imbibing of human and professional values through interactive Art of Living / Sanctuary sessions

M4: To develop an eco-system for promoting research and innovation and tie ups with industry to help students stay abreast of advances and practices in the corporate world.

M5: Invest in development of our human resources to enhance their competence

1.3 About the Institution

The Institute saw the Honour of dawn in 2007. The aim of the Institute is to continuously enhance the teaching methods in order to provide students with an opportunity for their all-round development. It also strives for excellence in academics and makes an effort to



induce passion for learning along with the inspiration for decisive thinking and assessment, thereby helping them to become the best professionals in their chosen careers. The Institute offers the following courses affiliated to Savitribai Phule Pune University, Pune.

- **Post-Graduation** – It offers the following Post Graduation courses.
 - Masters of Business Administration (M.B.A.)
 - Masters of Business Administration (M.B.A.) Specialization in the following streams.
 - ⇒ Finance
 - ⇒ HR
 - ⇒ Marketing
 - ⇒ Business Analytics, etc.
 - Masters of Computer Application (M.C.A.)

1.4 The surrounding premises around the Institution

The premise is situated in the serene landscape of the **Narhe area in the Pune city within Maharashtra State** with immense peace and calmness in the surroundings. The Institute is surrounded by Educational Buildings and Residential areas on the macro front from all the sides. There is a frontal approach which provides quite a beautiful appreciation space while approaching the premise, this area is surrounded by adequate plantations which positively complement the background-foreground aspect in terms of Natural unbuilt-space and built-form space Architecture. It also provides ample shade which enhances the micro climate of the region. The location of Institute is feasible to the nearby essential amenities such as Public Health Center, Civic body-Public administrative buildings, Recreational gardens and Police Station.

1.5 Assessment of the Institute

Affiliations - The Institute is affiliated to Savitribai Phule Pune University, Pune.



Recognition and Approvals – The institute has received the following approvals.

- **NIRF** – The Institute has submitted data to National Institutional Ranking Framework (NIRF), Ministry of Education, Government of India Code [IR-M-C-44578]
- **AITCE** – As Institute offers Technical courses affiliated to Savitribai Phule Pune University, Pune it has taken relevant approvals from All India Council of Technical Education (AITCE), New Delhi.
- **DTE** – As it offers a Professional Course it is affiliated and recognised under Directorate of Technical Education (DTE), Maharashtra

2. Institution overview

2.1 Populace analysis for Academic year 2022-23

2.1.1 Students data

The student data (shared by the Institute) shows that there are total of 300 students.

2.1.2 Staff data

Type	Male
Admin staff	2
Teaching staff	17
Non-Teaching staff	6
Total	25

Table 2: Staff data of the Institution for 2022-23

The staff data shows the premise has a total of **25** staff members.

2.2 Populace analysis for Academic year 2020-21

2.2.1 Students data

The student data (shared by the Institute) shows that there are total of 300 students.

2.3 Total Institute Area & Institute Building Spread Area

The **total site area is 5 Acres** and the **total Built-up area of Institute is 37,849 sq. ft.**

2.4 Institute Infrastructure

2.4.1 Establishment

The Institute is run by **Abhinav Education Society, Pune**. The Building is a Reinforced Cement Concrete (RCC) framework building. **Overall the Infrastructure of the Building is excellent in terms of the Architecture Design and Green Building Design. The Premise covers quite a few of the requirements for a Green Habitat.**

2.4.2 Spatial Organisation

The overall ambience of the Institute is warm and inviting. The classrooms and other spaces have ample natural ventilation in the form of clear glass windows with fresh air ventilation. The architecture of the building is quite well designed. The colour palette not just helps the building to stand out but also provides an Institutional arena. It balances with the local architecture with the natural landscapes of huge trees all around. The design emphasis on providing calmness to the built form and gradually merges with the serene landscape.

The floor to floor height is more than 10 feet. Whereas there are amenities such as CCTV, Fire extinguishers, Library and first aid box.

2.4.4 Operation and Maintenance of the premises

The interview session with the staff regarding the operation and working hours is summarized in the table. The Institutions are open Monday to Saturday for full day. Sunday is an off for all. Below mentioned in the table are the average working hours. The detail wise timing for each is mentioned below.

S. No.	Section	Spaces	Time	Hours / day	Days in a year
1	Degree Institute	Student areas and Teaching faculty	8:30 a.m. to 5 p.m.	8.5	210
2	General areas	Admin areas and library, Passage, staircase, toilet	8:30 a.m. to 5 p.m.	8.5	210

3. Green Building Study Audit

3.1 About the Green Building Study Audit

It is a systematic study of the aspects which make the Institution a sustainable and healthy premise for its inhabitants.

3.2 Analysis for the Green Building Study Audit

The procedure included detailed verification for the following:

Energy Audit

- Analysis of the Lights, Fans, AC, Equipment
- Scope for reducing the current energy bills if any
- Improvement in the thermal comfort of the campus

Green Audit

- Green initiatives
- Hygiene audit
- Water Audit - Analysis of the current water consumption of campus and Waste water treatment in campus
- Waste Audit - Current waste produced, its segregation and usage; Strategies to be adopted for waste management and awareness

Environmental Audit

- Analysis of the current landscape + hardscape of campus
- Analysis of the flora and fauna of campus
- Strategies adopted at present to enhance vegetation
- Measures that can be adopted for ecological improvement of campus

3.3 Strategy adopted for Green Building Study Audit

The strategies included data collection from admin department,

actual inventory, investigation to check the operation and maintenance, analysis of the data collected and preparation of the Report.en Practices Audit

The increasing global warming and climate change have made us realize that apart from the enormous strategies the individual small efforts need to be taken by individuals and Educational Institutes as the younger generations are the future of the world and once they are taught about these practices only then can we assume a better future.

3.4 Green practices

We observed the following points during the data verification of the premises.

- **'Walk to work' initiative Bike-pooling, cycling to Institute practice is observed by the staff and students.**
- **Staff and students are encouraged to bring steel tiffins** instead of plastic containers, an initiative led by Hon'ble Director
- There is **organic composting carried out for decomposition of organic matter of plants which is used as an organic fertilizer; in addition there are MoU with several Organizations for waste management process**
- Institute authorities **conduct initiatives for upgrading of the premises from environmental view.**
- Fresh environment is maintained and upgraded by the presence plants. **This vegetation benefits the users by providing shade.**
- **Lectures/workshops conducted on green practices and green infrastructure.**

3.5 Community Development

The various community development programs conducted include Tree Plantation, Life Learning, Employability Skill program introduced for the youth, Blood Donation Camp, Food Kit Distribution Program to the neighborhood community, Relief fund programs.

A lot of efforts get involved right from planning to execution. The main motive behind these is social welfare. This kind of a tough process is highly admirable. We respect and congratulate the Institute for the

same.

3.6 Eco-friendly initiatives undertaken

The Institution has undertaken the following initiatives through **excellent efforts** towards save environment measures before pandemic. The institute conducts various activities like tree plantation, nature cleanliness, visits to nearby flora and fauna, rural development initiatives.

3.6.1 General activities Conducted by Institute

- Cleaning campaign in the society. A forestation through tree plantation.
- Creating awareness of such issues as social problems, education and cleanliness.
- Awareness Rallies about environment, cleanliness.
- Organization of health related initiatives and Street plays.

3.7 Positive points practiced by the Institute

a) Environmental awareness

There can be various artworks on compound wall giving message of saving environment through the joint efforts of the students and staff thereby making the student socially and environmentally responsible citizen.

b) No vehicle day

No vehicle day, bike pooling is adopted by students and staff to promote the use of eco- friendly vehicles in the premise.

c) Government initiatives

The college has taken up initiatives such as Swachh Bharat Abhiyan, cleanliness drives in college and surrounding villages also activities such as capacity building of locals in surrounding villages by college students.

3.8 Recommendations for a Sustainable Habitat by Kuldeep E-Waste Disposal

We have found that the current practices are very excellent and thus there are minimal recommendations suggested with respect to this section.

a) Increase the plantations in the premise

There can be provision for more plantations in the premise may be even Kitchen

garden facility.

b) Signages on the plants mentioning scientific names

The practice of having the names of each plant and tree will provide awareness among the staff and students.

Institute initiated green plantation and encourage student.








सत्यमेव जयते

महाराष्ट्र शासन
वन विभाग

‘महाराष्ट्र हरितसेना’ सदस्यत्व प्रमाणपत्र

प्रमाणित करण्यात येते की,

श्री. / श्रीमती : ABHINAV EDUCATION SOCIETY
रा. : NARHE
तालुका : Haveli जिल्हा : Pune

यांना ‘महाराष्ट्र हरितसेना’ चे सदस्यत्व प्रदान करण्यात येत आहे.

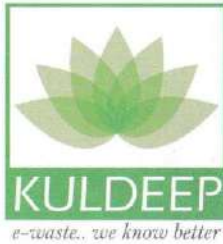
लोकहिताच्या कार्यात सहभागी झाल्याबद्दल
हार्दिक शुभेच्छांसह !

नोंदणी क्रमांक: PU/2022/Org/269467

दिनांक महिना वर्ष
07 09 2022


प्रधान मुख्य वनसंरक्षक
सामाजिक वनीकरण,
महाराष्ट्र राज्य,
पुणे





KULDEEP E-WASTE DISPOSALS

MPCB Authorised eWaste Management Company

E-WASTE DISPOSALS MEMBERSHIP LETTER

Member No. KED/ E waste/23-24/ 030

Date: 28/07/2023

Ref No. Your email Dated -19 July 2023

Member Details :

Company Name : Abhinav Education Society's Institute of Management and Research.

Address : Narhe, Pune - 411041

Contact No : 91- 8446666099

GSTIN : NA

Company Consent : N.A.

Membership fees Received by : Cheque No.

This is a memorandum of mutual understanding between **Kuldeep E-waste Disposals Pune**, hereafter termed as E-waste dismantler and Abhinav Education Society's Institute of Management and Research, Pune – 411041.

hereafter termed as client, made with an intention of environment friendly disposal of E-waste collected by the client and to be disposed by dismantler with following terms. Requested qty. for collection is **200 Kgs.** per annum.

1.He client will inform the dismantler through mail or phone about such collection of E-waste at their office and the dismantler will collect it from the said location after properly testing the same.2.Once disposed to the dismantler ,the client will not have right on any of the material disposed.3.The dismantler will issue FORM 6 of such disposal to the client for every delivery made by the client, in prescribed format and enter the same in the passbook issued by M.P.C.B.4. The membership is valid for lifetime.5. All the legal issues will be dealt in legal jurisdiction of Pune District. **M.P.C.B. Reg. No- MPCB/RO(HQ)/HSMD/AUTHO/2022/EW-29 ,Validity of consent. 2026.**

Ashok Bharaskar (Proprietor)

Kuldeep E-waste Disposals




Waste Audit

Background reference image Polina



4. Waste Audit

Waste is an inevitable part of our lives. Over the years as the awareness about waste management techniques has given a rise to rethink how the waste can be avoided from being sent to the landfills. The audit provides an approximation of the types of waste generated, location of waste collections, disposal techniques used, waste segregation methodologies adopted, waste management strategies that are and implemented in addition to the newer ways the can be adopted aiming to make the premise clean and sustainable. Here sustainable refers to a broader aspect to analyze whether the current techniques are having positive or negative effect on the stakeholders of the premises.

4.1 Waste produced

The types of waste collected in the campus are as follows. These are separated before processing and not given to the local Corporation. The details of the quantity and type of waste are as follows.

S. No.	Type of waste	Source and quantity	Current Disposal method	Audit Review
1	Solid waste	Toilets–Biodegradable waste of 20kg per week	Led in the storm water drains	CONTINUE - with the current practice
2	E-waste	Computers - Non-biodegradable waste as per the annual year usage	<i>MoU with Kuldeep E-Waste Mgmt for collection and recycling of E waste.</i>	
3	Dry waste in form of leaves	Open space & plantations, papers - Non biodegradable waste of 6kg per week	Dry and wet wastes are collected in separate containers , these are later converted into Compost and reused as fertilizer.	

Table 5: Summary of the types of waste produced in the premises

4.2 Waste handling

Quantification wise as per survey it was found that the Solid, Dry leaves collected is approximately 10-15 kg per week. The liquid and hazardous waste (septic tanks) is approximately 50-80 litres per week. The waste produced on campus is segregated. The staffs are very well trained and do an excellent job. **We observed the concern and dedication the entire Team shows towards the Institute management aspect. We highly appreciate these efforts and way of working.**

4.3 Waste management

The Institute reuses the papers. It was informed **Students make bags from old newspapers** and not to Municipal Corporation **thereby not adding to landfill site.** Ample measures are taken to maintain hygiene. **No smell problem or health related issues due to the waste are there.** There are adequate numbers of bins present in all parts of building. **The waste does not pollute the ground or surface water.** The wastes from toilets are discharged to main drains through underground covered channels (Safety Tanks) thus avoiding any incident. **There is no problem of air pollution.**

4.4 Recommendations for a Sustainable Habitat

The current practices are excellent, however following practice can be adopted for further up gradation in future.

Steel dustbins - The existing plastic dustbins can be replaced with steel or an eco-friendly material dustbin.

Garbage collection in the premises
&
Dustbins in the indoor & outdoors of the
premises





Only Dry & Clean Plastic Waste



DO SAVE Foundation

E-Mail: dosave24x7@gmail.com

Cell: 9029802119

Water Audit



5. Water Audit

Water is one of the basic needs. Pure drinking water is a resource which needs to be preserved efficiently. Water audit helps to identify the sources of water consumption, the water requirement by the campus met by these sources. The points and effective usage of without any wastage. Understanding the techniques which are best suited to the site to increase water conservation in terms of awareness and practice.

5.1 Water availability and consumption

5.1.1 Sources of Primary water supply

The main source of water is through the Local Municipality. The total water consumption through the tanks on site, these are available in a quantity of 4 tanks at multiple location. The capacity of each is as follows:

S. No.	Type	Nos.
1	Under Ground Tank for Municipal Corporation water	1
2	Under Ground Tank for Bore well water	1
3	Over-Head Tank for Municipal Corporation water	1
4	Over-Head Tank for Bore well water	1
Total		4

Table 6: Tanks and well in the premise

5.1.2 Sources of Secondary water supply

a) **Bore wells** – There are 2 Bore wells available on the site as underground water facility with daily water being pumped for using submersible pumps. On a daily basis water is pumped from per well for usage depending on the need.

Rain water harvesting – There is 1 bore well available on the site as underground water facility which are used for Rain water harvesting. These wells are located near the SVIMS, landscaping garden. There are Two rain water filters fitted these and the project is taken up as a Consultancy Project as per norms of Pune Municipal Corporation.

5.2 Water requirement

The main areas of water requirement and type of usage is as follows

- **Drinking water** – Consumption of around 1,000 litres of water through Aquaguard like system available in the premise, the taps and water cooler.
- **Toilet blocks**– General usage by occupants in toilets, urinals, bathrooms, wash basins using approx. 250 litres of water daily
- **Cleaning of the premises** – The entire Institution is very well maintained with respect to hygiene and cleaning is one of the major uses of water requirement. The toilet areas are cleaned twice on a daily basis.
- **Garden and surrounding open space** – Cleaning, watering the plants requires approximately more than good amount of water, keeping in mind the scale of the open spaces there is supply system connected directly and the plants, trees are hardly watered regularly. Though, they are watered on alternate days in winter season and about 2-3 times a day in summer season on a regular climate day it is watered 3 days a week and in rainy season it is dependent on the monsoon showers. There are sprinklers at present in the premises as part of the Sprinkler irrigation system practiced at present.

6.3 Areas of water usage

Based on the inventory done and data shared by the staff it was found that the premise has the following facilities:

- Urinals – 8 Nos.
- Toilets – 8 Nos.
- Wash basins – 8Nos.
- Taps (Indoors) – 10 Nos.

As per the data shared by the Institute and on site observation, it was noted that there is no water wastage of water in the form of Cleanliness of toilets.

6.4 Site investigation about water management.

The Institute has an excellent management system which is very appreciable. We have observed the following points.

- There is **no water leakage in the entire premise**; the pipes are well maintained with adequate hygiene.
- **The premise has an efficient water management in terms of operations and maintenance.**
- The toilets are kept very tidy and are cleaned every day.
- The **waste water does not mix with ground water and gets directed to storm water drains.**
- **The Institute has a rainwater harvesting system which is very useful.**
- There are sufficient numbers of taps in the premise.

6.5 Recommendations for a Sustainable Habitat

Below mentioned are few suggestions for better water management practices in the premise.

a) Universal Toilet

At least 1 toilet should be made for specially abled as per universal design norms.

b) Waste water from toilets

This should be collected and a waste water treatment plant can be installed in open space wherein this water can be treated and reused for gardening and toilet flushing.

c) Waterless urinals

There can be provision of waterless urinals as a Green Building initiative in the premise, either the existing ones can be replaced with such a facility or new toilets can be constructed in this manner.

d) Water flow stopper

The water flow stopper should be installed to avoid overflow and smart use of system. Install water-saving shower heads or flow restrictors. No leakage anywhere in premises. Water lawn only when it needs it.



On-site investigation and physical verification
Facilities related to water consumption and usage in the premises



Water provision in the premises



Water tank provision and connection meter in the premises

Health & Hygiene Audit



Background reference image Curalogy on unsplash



6. Health and Hygiene Audit

The hygiene is a part and parcel of our daily life. It is extremely essential to keep the surroundings clean in the same manner as we would want our houses to be. Educational Institutes have a bigger role to play in order to affect the young minds in the positive manner through better hygienic practices.

6.1 Facilities available

The Institution has the following facilities as part of the premise.

- Washroom facility in each of the Building.
- Hand wash facility
- Drinking water facility in the form of Water coolers and taps
- Ample number of dustbins in the premise

6.2 Smoke Exposure

As per the Site visit the following analysis **has a positive impact on premises.**

- The Institute has No Smoking on its compound wall as part of the awareness.
- Canteen uses Gas cylinders for cooking, there is no utilisation of fire wood. Thus **there is no smoke from burning of fire wood and any health issues related to the same.**
- The **garbage in premise is not burnt** and there is not air pollution because of it.
- The Institution is a tobacco and smoke free campus which helps in adapting to a Healthy Institution
- There is parking provision inside the campus there is slight issue of dust owing to the same but it is **balanced with the good vegetation in the premise.**

6.3 Hygiene

As per the Site visit the following analysis **has a positive impact on premises.**

- For overall hygiene of the students and staff there are facilities such as Washroom facility on ground floor, hand wash. The hygiene of toilet areas is well



maintained. **The entire campus is cleaned twice on a daily basis. It is very appreciating that there are only few Maintenance staff who strive their best to take care of the entire premise in the most excellent way possible.**

- There staff keep a regular check about the operation and maintenance of the equipments each floor.
- Water management initiative with appropriate hygiene is undertaken. The areas of water tanks in site on ground floor are clean and no mosquito breeding spots are there.
- The food premises and equipments are cleaned as per schedule with special care taken to avoid any water stagnation. The food waste and other refuse are removed periodically from food handling areas to avoid accumulation.
- As part of Tree Plantation programme the initiative of **Swachh Bharat Abhiyan of Govt. of India** is undertaken during various occasions.
- There are appropriate storage areas which are well maintained.

6.4 On-site investigation

During the physical verification of the site, the following points were noted.

- All the facilities are cleaned on a daily basis.
- The Maintenance staffs are allotted the responsibility of the washroom hygiene and they do a very commendable and excellent job to maintain hygiene of the premise.

6.5 Recommendations for a sustainable habitat

As per site verification for this audit the efforts of the Institute are highly appreciable as they are very well maintained.

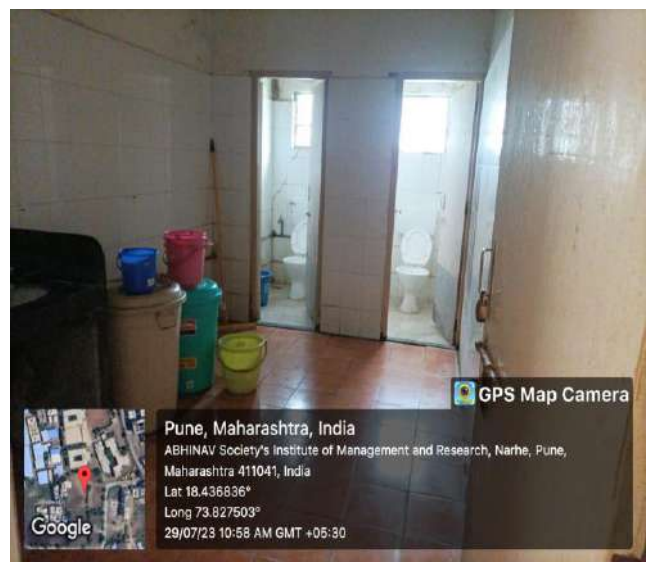
On-site investigation and physical verification Facilities related to health and hygiene in the premises



The clean and hygienic premises is very well maintained by the Staff (Indoor and the Outdoors)

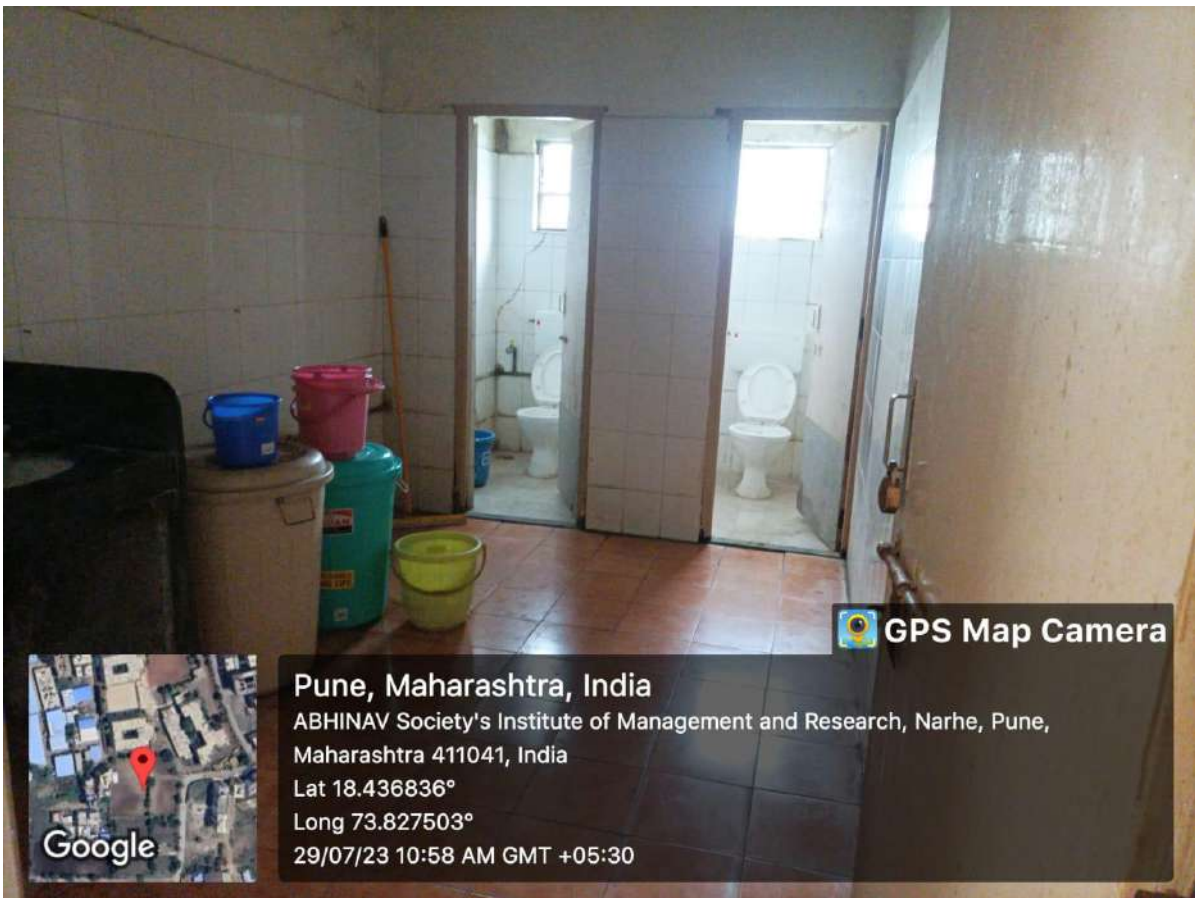


There are provisions for Sanitary Vending machine for menstrual hygiene of students



The washroom areas are quite clean and well equipped with hygiene facilities

The clean and hygienic premises is very well maintained by the Staff (Indoor and the Outdoors)






Pune, Maharashtra, India

ABHINAV Society's Institute of Management and Research, Narhe, Pune,
Maharashtra 411041, India

Lat 18.436836°

Long 73.827503°

29/07/23 10:43 AM GMT +05:30

 **GPS Map Camera**

The washroom areas are quite clean and well equipped with hygiene facilities


7. Towards a Healthy & Sustainable Institution

Based on the analysis of the study of premises in addition to the recommendations provided in each section of Ecological, Water, Waste and Energy Audit the Institute can adopt the following strategies towards a Healthy and Sustainable Institution practices.

- a) Cutlery in the Canteen** – The regular plastic and steel plates, spoons used in Canteen can be replaced with eco-friendly and organic leaves, paper straw, disposable plates, edible spoons and tables made out of sugarcane waste or bamboo. This will be first of its kind initiative to be adopted and practiced thus also inculcating the healthy practices in students.
- b) Signages** – In addition to the signages being in regular language there can be additional signages in braille language for the specially abled students.





 **GPS Map Camera**



Pune, Maharashtra, India

ABHINAV Society's Institute of Management and Research, Narhe, Pune,
Maharashtra 411041, India

Lat 18.436836°

Long 73.827503°

02/08/23 12:02 PM GMT +05:30

Do Save Foundation:



**Only
Dry & Clean
Plastic Waste**



DO SAVE Foundation

E-Mail: dosave24x7@gmail.com

Cell: 9029802119

ENVIRONMENT AUDIT

2022-23

AUDIT REPORT

Studied for

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Institute

of Management And Research

S.No. 23/3/2/2, A/p. Narhe. Pune – 411041

Analysed by



9 January 2023

Disclaimer

Environment Audit Team has prepared this report for the **Abhinav Education Society`s Institute of Management and Research** *located at S.No. 23/3/2/2, Narhe, Tal. Haveli, Pune – 411041* based on input data submitted by the Institute analysed by the team to the best of their abilities.

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Do Save Foundation

E-mail: dosave24x7@gmail.com



Acknowledgement

Do Save Foundation thanks the **Abhinav Education Society's Institute of Management & Reserch, Pune** for assigning this important work of Environment Audit. We appreciate the cooperation extended to our team during the entire process.

Our special thanks are due to **Hon. Mr. Rajeevji Jagtap**, Chairperson; **Hon. Mrs. Suneeta R. Jagtap**, Secretary; and everyone from the Management. Our heartfelt thanks to Chairperson of the entire process **Dr. Abhineet Kaiwade, Hon'ble Director** for her valuable inputs.

We are also thankful to **Institute's Task force the faculty members for the excellent coordination during the entire process.**

The kind gesture for the inventory and data collection of the **Admin Department** is quite commendable.

We highly appreciate the assistance of **the entire Teaching and Non-teaching staff** for their support while collecting the data.

Do Save Foundation

E-mail: dosave24x7@gmail.com



1. Introduction

1.1 About Abhinav Education Society

It is a humanitarian, not-for-profit service organization which endeavours to reach out to society through its services in the fields of education, medical care, relief and rehabilitation and social welfare.

1.2 Statements of the Institute

Vision - A pioneering institute for nurturing managers, leaders and entrepreneurs with heart - based leadership, skills for the VUCA world and professionalism.

Mission - Empower student through provision of affordable, quality management education that is value based.

M1: To provide quality education and training in different functions and areas of management to help successfully take up the practice of management/ entrepreneurship in traditional and emerging businesses, social sectors and other human organisations or take up research/higher studies

M2: To equip students with essential life and lifelong learning skills to adopt, adapt and constructively respond to challenges thrown up by the VUCA world [specialized certifications - leading to professional development]

M3: To impart character and competence building education that inspires ethical behaviour and imbibing of human and professional values through interactive Art of Living / Sanctuary sessions

M4: To develop an eco-system for promoting research and innovation and tie ups with industry to help students stay abreast of advances and practices in the corporate world.

M5: Invest in development of our human resources to enhance their competence

1.3 About the Institution

The Institute saw the Honour of dawn in 2007. The aim of the Institute is to continuously enhance the teaching methods in order to provide students with an opportunity for their all-round development. It also strives for excellence in academics and makes an effort to induce passion for learning along with the inspiration for decisive thinking and assessment, thereby helping them to become the best professionals in their chosen careers. The Institute offers the following courses affiliated to Savitribai Phule Pune University, Pune.

- **Post-Graduation** – It offers the following Post Graduation courses.
 - Masters of Business Administration (M.B.A.) Specialization in the following streams.
 - ⇒ Finance
 - ⇒ HR
 - ⇒ Marketing
 - ⇒ Business Analytics, etc.
 - Masters of Computer Application (M.C.A.)

1.4 The surrounding premises around the Institution

The premise is situated in the serene landscape of the **Narhe area in the Pune city within Maharashtra State** with immense peace and calmness in the surroundings. The Institute is surrounded by Educational Buildings and Residential areas on the macro front from all the sides. There is a frontal approach which provides quite a beautiful appreciation space while approaching the premise, this area is surrounded by adequate plantations which positively complement the background-foreground aspect in terms of Natural unbuilt-space and built-form space Architecture. It also provides ample shade which enhances the micro climate of the region. The location of Institute is feasible to the nearby essential amenities such as Public Health Center, Civic body-Public administrative buildings, Recreational gardens and Police Station.

1.5 Assessment of the Institute

Affiliations - The Institute is affiliated to Savitribai Phule Pune University, Pune.



Recognition and Approvals – The institute has received the following approvals.

- **NIRF** – The Institute has submitted data to National Institutional Ranking Framework (NIRF), Ministry of Education, Government of India Code [IR-M-C-44578]
- **AITCE** – As Institute offers Technical courses affiliated to Savitribai Phule Pune University, Pune it has taken relevant approvals from All India Council of Technical Education (AICTE), New Delhi.
- **DTE** – As it offers a Professional Course it is affiliated and recognised under Directorate of Technical Education (DTE), Maharashtra

2. Institution overview

2.1 Populace analysis for Academic year 2020-21

2.1.1 Students data

The student data (shared by the Institute) shows that there are total of 300 students.

2.1.2 Staff data

Type	Male
Admin staff	3
Teaching staff	15
Non-Teaching staff	10
Total	28

Table 2: Staff data of the Institution for 2020-21

The staff data shows the premise has a total of **16** staff members.

2.2 Populace analysis for Academic year 2021-22

2.2.1 Students data

The student data (shared by the Institute) shows that there are total of **113 Girl** students.

2.2.2 Staff data

Type	Female
Admin staff	2
Teaching staff	15
Non-Teaching staff	8
Total	25

Table 3: Staff data of the Institution for 2021-212

The staff data shows the premise has a total of **13** staff members.

2.3 Total Institute Area & Institute Building Spread Area

The **total site area is 5 Acres** and the **total Built-up area of Institute is 1 acre 43560 sq. ft.**

2.4 Institute Infrastructure

2.4.1 Establishment

The Institute is run by **Abhinav Education Society, Pune**. The Building is a Reinforced Cement Concrete (RCC) framework building. **Overall the Infrastructure of the Building is excellent in terms of the Architecture Design and Green Building Design. The Premise covers quite a few of the requirements for a Green Habitat.**

2.4.2 Spatial Organisation

The overall ambience of the Institute is warm and inviting. The classrooms and other spaces have ample natural ventilation in the form of clear glass windows with fresh air ventilation. The architecture of the building is quite well designed. The colour palette not just helps the building to stand out but also provides an Institutional arena. It balances with the local architecture with the natural landscapes of huge trees all around. The design emphasis on providing calmness to the built form and gradually merges with the serene landscape.

The floor to floor height is more than 10 feet. There are provision there are amenities such as CCTV, Library and first aid box.

2.4.4 Operation and Maintenance of the premises

The interview session with the staff regarding the operation and working hours is summarized in the table. The Institutions are open Monday to Saturday for full day. Sunday is an off for all. Below mentioned in the table are the average working hours. The detail wise timing for each is mentioned below.

S. No.	Section	Spaces	Time	Hours / day	Days in a year
1	Degree Institute	Student areas and Teaching faculty	8:30 a.m. to 5 p.m.	8.5	210
2	General areas	Admin areas and library, Passage, staircase, toilet	8:30 a.m. to 5 p.m.	8.5	210

3. Green Building Study Audit

3.1 About the Green Building Study Audit

It is a systematic study of the aspects which make the Institution a sustainable and healthy premise for its inhabitants.

3.2 Analysis for the Green Building Study Audit

The procedure included detailed verification for the following:

Energy Audit

- Analysis of the Lights, Fans, AC, Equipment
- Scope for reducing the current energy bills if any
- Improvement in the thermal comfort of the campus

Green Audit

- Green initiatives
- Hygiene audit
- Water Audit - Analysis of the current water consumption of campus; Scope to include Rain water harvesting and Waste water treatment in campus
- Waste Audit - Current waste produced, its segregation and usage; Strategies to be adopted for waste management and awareness

Environmental Audit

- Analysis of the current landscape + hardscape of campus
- Analysis of the flora and fauna of campus
- Strategies adopted at present to enhance vegetation
- Measures that can be adopted for ecological improvement of campus

3.3 Strategy adopted for Green Building Study Audit

The strategies included data collection from admin department, actual inventory, investigation to check the operation and maintenance, analysis of the data collected and preparation of the Report.

4. Site Study

The following listed are some of the positive site elements which are beneficial to the Institute in terms of tangible and intangible benefits.

- **Location** - The Abhinav Education Society's Institute of Management And Research, located at S.No. 23/3/2/2, Narhe, Tal. Haveli, Pune – 411041 and falls under the Pune District - The Queen of Deccan, Pune division of the Maharashtra State.



- **Neighbourhood context** - The premise is surrounding by open spaces and Residential and Educational spaces on the immediate surroundings of the site.
- **Natural physical features** – The premise includes a rich biodiversity and huge number of plants in the adjacent open space. The site does not have major different in the land levels (contours).
- **Manmade features** – The premise is situated in an urban area amidst residential areas and open spaces with appropriate proximity to necessary amenities. There is sufficient appreciation space for entrance. The materials used for construction are RCC and the landscaping includes innumerable natural trees as well as potted plants.
- **Circulation** – There is a smooth transition of pedestrian traffic inside the premises due to the large entrance gate and the huge open space where vehicles of students and staff is parked.
- **Climate** – Pune has a tropical climate. In winter, there is much less rainfall in Pune than in summer. According to Köppen and Geiger, this climate is classified as Aw. The average annual temperature in Pune is 24.3 °C | 75.7 °F. The annual rainfall is 1200 mm | 47.2 inch.

Ecological (Environment) Audit



Background reference image [Yugesh Shrivastava on pexels](#)



5. Ecological (Environmental) Audit

Environment is an essential part for human survival. We co-exist with the environment and it cannot be termed as a separate entity. The Ecological audit helps to understand the flora, fauna that exists and steps that can be taken to improve the same. To denote if there are problems related to sound in and around the surrounding. In terms of the carbon footprint it helps in keeping a tab on the eco-friendly habits incorporated by the inhabitants of the premise. Health today is the topmost priority, a general understanding of the initiatives undertaken along with sufficient hygiene practices adopted. Universal design is applicable to all built and unbuilt spaces.

As part of our study we could state that the Institution has developed eco-friendly practices and sustainable solutions which are well reflected in the rich biodiversity of the Premises. Being situated near the city the appreciation space towards the main entrance provides a welcoming approach to the Institute.

The Institute has huge open space used by all. The students use it for as a leisure place for study and Institute ground is used for sports activities. There are ample resting spaces as part of building design which provide a resting and warm welcoming approach in the premise.

5.1 Open Spaces

There is a beautiful balance of natural and open spaces in the premise and the open/vegetation spaces are balanced overall. The ground is used by students at present for sports and cultural gatherings. The design on the entire is such that the landscape and softscape spaces are very well oriented and located thus being extremely useful to Institutions in the site. **There are provisions for natural plantations which have enhanced the beauty of the space.**

There are adequate Maintenance staff allotted for the open spaces and they have done an excellent job in terms of the duty allotted. The traditional tap and pipe facility is adopted for watering and the Institute has taken special provisions for the same. The spaces are watered daily in summer. **The efforts to maintain the existing space are commendable.**

5.2 Noise Audit

5.2.1 Macro level

On a macro level there is ample vegetation in the site. The approach road too has very minimal traffic. As the Institute is nestled between educational institutions and a which is almost 0.5 kms away with immense vegetation the noise levels do not affect the students and staff in their day to day functioning. The approach road too is pretty away. **Overall the noise level in terms of bad effect is extremely low and there are positive outcomes as per our analysis on macro level.**

5.2.2 Micro level

The Institute has an adequate open space covered with huge trees prevailing naturally in the premise which act as a noise barrier; in addition the Institution building is surrounded by Hospital Buildings which further acts as a benefit in reducing any noise pollution. There are bare minimum parking provisions provided in the premise which causes bare minimum noise as they are situated near the entrance which is a bit away from the Institute building. There are no particular equipments which cause any noise effect. **Overall the noise levels inside the premises are low which is a good approach.**

5.3 Carbon Footprint Audit

5.3.1 Eco-friendly Commuting Practices

Based on data collection and discussion with staff the following points were noted:

- **Ease of commuting** – Owing to close proximity to public transport the access is very feasible and walks able.
- **Vehicles details** – The provision by Institute includes vehicle parking is as follows:

S. No.	Type	Nos.	For (student/ Staff)
1.	Cars	3	Staff
2	Bikes	6-8	Staff and Students
3	Cycles	5-8	Students
4	Electric vehicles	2-3	Staff and Students

Table 6: Details of the Parking in the premise

- **Commute details** – The students and staff commute from multiple places. The details are summarised below.

Particulars	Staff	Students
Up to 5 km distance	4	26
Above 5km distance	9	106

Table 7: Details of the places students and staff commute from

5.3.2 Heat Island Reduction

The Institution has **adopted the following practices which are yielding positive results** in terms of Urban Heat Island Effect which refers to increase in temperature of the surrounding because of ineffective strategies.

5.3.2.1 Exposed roof areas

There are stilts on which solar panels have been installed covering almost the entire terrace area. The Buildings are covered with white paint and the Maintenance staff along with Management have taken ample measures to maintain the same. **There was no weathering of roof observed during the site visit.** The current practices are well maintained.

5.3.2.2 Exposed non-roof hardscape areas

There are pathway on all sides of the premises. These include some natural and potted



plantations along the pathways. However, the trees are huge and the canopy is wide spread thus providing ample shade to the outdoor areas of the premise. Hence, there are no direct sunrays or similar effect affecting the students and staff. The Institute has plantations which act as a solution for the urban heat island effect. This green space is a very good solution for reducing any harmful health consequences which may arise due to harsh sunlight.

There are adequate measures adopted in the premises to reduce heat island effect of Building roofs and in site.

5.3.3 Outdoor Light Pollution Study

The Institute compound lights are not upward looking thus, these do not cause light pollution.

5.4 Universal Campus

As per World Report on Disability, 2011 there are 180 million approx. Persons with Disabilities that makes it 15% of total population of India.

There are Ramps, Lifts, Handrails along staircase and low height risers in the Staircases as part of universal campus initiatives. The design of the premises is appropriate for access with passages and corridors being wide enough in size and naturally ventilated. The doubly and singly loaded corridors are safe from fire safety aspect. The Institute has resting places (seating areas) in the outdoor along the trees thereby making it user friendly for the specially abled students. **The Institute has two wide lifts and a separate toilet for the differently abled and a wheelchair too. These measures are excellent.**

5.5 Fire Safety

The Institution has undertaken adequate fire safety measures. Each floor has an open staircase without any barriers for fire safety measures. These staircases are free of any kind of storage or combustible material. The windows in each classroom are at a low height with fresh air and natural light thereby adding to ample ventilation throughout the day. **The Institute has an extensive fire hydrant system and procures an NOC every six months/one year.** The current facilities are however quite well maintained.



5.6 Positive site features as per our study

a) User friendly movability in premises

There are provisions of Kerb Ramp in the Building premises, also low height hand rail for ease of access.

b) Avoid using plastic in premise

There are provisions for ban on single use of plastic bags or products in the Premise.

c) OPAC system

The system is beneficial for the students.

d) Paperless technologies

The Institute has gone technology friendly and paperless in the functioning of the Premise.

e) Avoid burning of waste

The waste produced in the premises is not burnt as it is dangerous towards health of students and staff.

f) Avoid using plastic in premise

There are provisions for ban on the use of plastic bags or products in the Premise.

g) Universal accessibility

There are provisions for lifts, wheelchair and separate toilet for the specially abled.

h) Resting places

There are provisions for resting places in the form of break out spaces, a gym, a canteen area of 1500 sq ft. and open areas.

i) Environment related initiatives

The Institute has tree plantation drives, a huge tree campaign, competitions on business ideation for sustainable business, conferences on climate change & sustainability, use of cloth bags and sustainability accounting for which they have filed a patent. This area attracts different birds and squirrels.

5.7 Recommendations for a Sustainable Habitat by Greenvio Solutions

Site beautification

a) Low VOC Paints and Adhesives

Whenever the Institute undergoes repairs or renovations there should be use of materials with low emissions so as to reduce the adverse health impacts on workmen and the students occupying the space thereafter.

b) Additional facilities for birds

There can be provision for drinking water and food facility for birds visiting in the Institute premise.

c) Tree adoption scheme

The Institute can adopt One Faculty – One tree adoption scheme which is one of its kind practice, this can be very beneficial especially during the summer season.

d) Names of the Plants for awareness

The Management and Institution can undertake initiatives to include the names of the plants as a signage to spread awareness; this will be very beneficial for Students & Staff.

Pollution Control

a) Bicycles as a gift

As an appreciation gesture may be the students toppers/ staff best performers can be awarded with a bicycle occasionally.

On-site investigation and physical verification

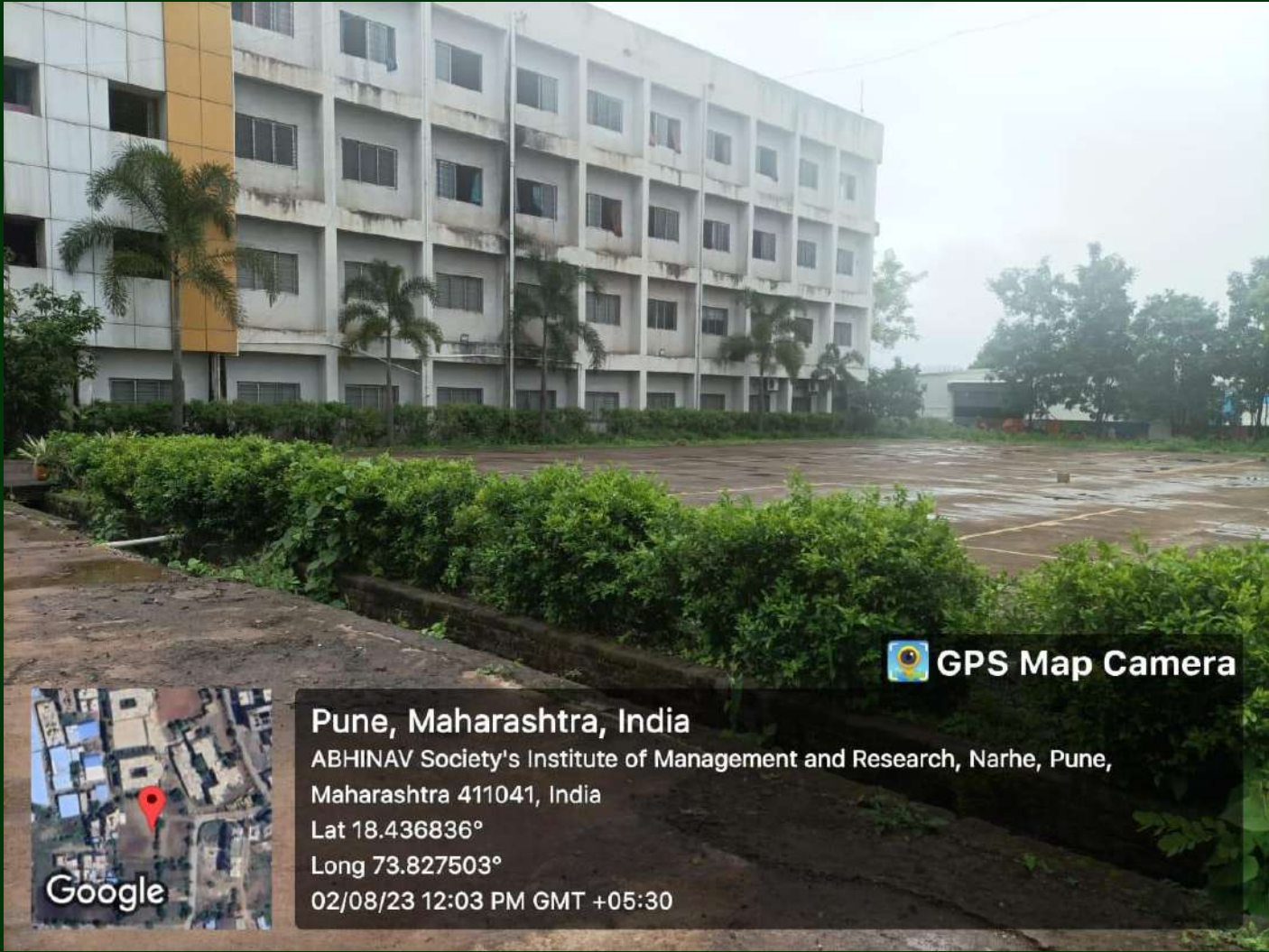
The ecologically friendly ambience with facilities such as ramps, parking, greenhouse and botanical gardens.



6. Towards a Healthy & Sustainable Institution

Based on the analysis of the study of premises in addition to the recommendations provided in each section of Ecological, Water, Waste and Energy Audit the Institute can adopt the following strategies towards a Healthy and Sustainable Institution practices.

- a) Kitchen garden** - There can be provision of kitchen garden practices in a designated area of the open space this would enhance the biodiversity and be useful in training students and staff about the healthy practices and vegetables grown which would be used in Canteen. It helps in capacity building. The smaller steps taken have huge impacts when each student would adopt these practices in their homes or societies and grow kitchen garden, terrace garden there will be a long term benefit for the environment as a whole.
- b) Cutlery in the Canteen** – The regular plastic and steel plates, spoons used in Canteen can be replaced with eco-friendly and organic leaves, paper straw, disposable plates, edible spoons and tables made out of sugarcane waste or bamboo. This will be first of its kind initiative to be adopted and practiced thus also inculcating the healthy practices in students.
- c) Signages** – In addition to the signages being in regular language there can be additional signages in braille language for the specially abled students.



 **GPS Map Camera**



Pune, Maharashtra, India

ABHINAV Society's Institute of Management and Research, Narhe, Pune,
Maharashtra 411041, India

Lat 18.436836°

Long 73.827503°

02/08/23 12:03 PM GMT +05:30

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website:
http://mpcb.gov.in Email:
rohq@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine
Planet Cinema, Near Sion
Circle, Sion (E), Mumbai-
400022

RED/S.S.I (R3)
No:- Format1.0/RO-HQ/UAN
No.0000119061/CR/2202001098

Date: 17/02/2022

To,
M/s Kuldeep E-Waste Disposals,
S. No. 50, Ambegaon Khurd, Katraj-Ambegaon
Road, Katraj,
Tal. Haveli, Dist. Pune



Your Service is Our Duty

Sub: Renewal of consent under RED Category

Your application No.MPCB-CONSENT-0000119061 Dated 01.08.2021

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- The consent to renewal is granted for a period up to 30/09/2026
- The capital investment of the project is Rs.0.231 Crs. (As per C.A Certificate submitted by industry)
- Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
1	Collection, Segregation & Dismantling of E-Waste (ITEW - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 & CEEW - 1, 2, 3, 4, 5)	90	MT/A

Using Environmentally Sound Technology as per the provisions of E-Waste (Management) Rules, 2016 and Subject to having valid authorization under Rule 13 (3) of E-Waste (Management) Rules, 2016.

- Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable
2.	Domestic effluent	0.5	As per Schedule-I	Soaked in soak pit

6. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

<i>Sr No.</i>	<i>Stack No.</i>	<i>Description of stack / source</i>	<i>Number of Stack</i>	<i>Standards to be achieved</i>
1	1	Dust Collector	1	As per Schedule -II

7. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
NA					

8. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	31.1 Process residue and wastes	10	MT/A	---	CHWTSDF

9. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	---	0.00	--NA--	---

10. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
12. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
13. The industry shall comply with conditions stipulated in the Authorization issued by MPCB vide No. MPCB/RO(HQ)/HSMD/Autho/21/H&OW/29 dated 16/2/2022 valid up to 30/9/2026 for collection, segregation and dismantling of E-waste.




Signed by: **N.N. Gurav**
 Regional Officer (HQ)
 For and on behalf of,
Maharashtra Pollution Control Board
 rohq@mpcb.gov.in
 2022-02-17 18:14:30 IST

Received Consent fee of -

Sr.N	Amount(Rs.)	Transaction/DR.No	Date	Transaction Type
1	7500.00	TXN2108000407	04/08/2021	Online Payment

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune II
 - They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1.** A] Generation - As per your application the treated effluent generation is Nil.
B] Treatment - NA
C] Disposal - NA
- 2.** A]
B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1 B & C of schedule I.
- 3.** The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
- 4.** The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 5.** The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	1.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

- 6.** The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
1	Dust Collector	--	5.00	00 -- NA--	-	0	-

The industry shall procure and

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr No.	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
NA						

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

- Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
- Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
- Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
- Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
- Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):
 - **Collection of WEEE** - The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.
 - **Storage for disassembled parts:** The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids. Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an impermeable surface and a sealed drainage system.
 - **Storage for other components and residues:** Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labelled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with them.
 - **Balances :** WEEE Guidelines also requires that sites for handling of WEEE have "balances to measure the weight of the segregated waste". The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.
 - Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDF.

- Ferrous and nonferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.
 - CFCS should be either reused or incinerated in common hazardous waste Incineration facilities at CHWTSDF.
 - Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.
 - PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDF.
 - Mercury recovery and lead recycling facilities from batteries fall under the Hazardous & Other Wastes (M & TM) Rules, 2016.
 - Existing environmental regulations for air; water; noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste recycling facility and later disposed in TSDF.
 - The industry shall maintain records of the e-waste purchased, processed in Form-2 and shall file annual returns of its activities of previous year in Form-3 as per Rules 11(9) & 13(3)(vii) of the E-Waste(M) Rules, 2016; on or before 30th day of June of every year.
- The Energy source for lighting purpose shall preferably be LED based
 - The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
 - Conditions for D.G. Set
 - Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - D.G. Set shall be operated only in case of power failure.
 - The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
 - The applicant shall maintain good housekeeping.
 - The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.

- The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
- The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
- The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
- The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- The PP shall provide personal protection equipment as per norms of Factory Act
- Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
- Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.

- Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- The industry should not cause any nuisance in surrounding area.

- The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
- The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
- The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.

ENERGY AUDIT

- **REPORT**

ELECTRICAL SAFETY AND ENERGY AUDIT

FOR

ABHINAV EDUCATION SOCIETY'S
INSTITUTE OF MANAGEMENT AND RESEARCH

NARHE, PUNE-411001

सौरभ इलेक्ट्रीकल
आंबेगाव (बु)
प्रो.प्रा.पिंगळे एस.डि.
मो.नं.9922136363

December 2022

Saurabh Electricals.

Registere Govt. Contractor :PWD., PCMC.

Address:- Survey Ambegaon (BK), Pune -411046 . Mobile No :-9922136363

AESIMR- Safety and Energy Audit 2023

INDEX

Sr. No.	Particular	Page No.
1	Acknowledgement	3
2	Scope of Electrical Safety and Energy Audit	4-9
3	Summarized Data for Electrical Systems	10
4	Observations	11 - 12

Note: The enclosed report is a study report of power quality and safety at 'Abhinav Education Society`s Institute of Management And Research, Narhe, Pune-411041.' This unauthorized copy in part or whole shall not be used for presentation, distribution, or circulation in any form. The logos or trademarks belong to the respective company/Institution.

सौरभ इलेक्ट्रीकल
आबेगाव (बु)
प्रोप्रा.पिंगके एस.डि.
मो.नं.9922136363

Acknowledgement

We at Green ink Infra, Pune wish to express our gratitude to the management of 'Abhinav Education Society`s Institute of Management And Research, Narhe, Pune-411041' for assigning the work of Electrical Safety and Energy Audit of Electrical utility systems to us.

We appreciate the co-operation and support extended to our team members during the entire tenure of field study.

We express our sincere thanks to Honorable Mr. Rajeevji Jagtap Sir, Chairman, Honorable Sajeevji Jagtap Sir, Vice Chairman, Honorable Mrs. Sunita Jagtap Ma`am and Mr. Abhijeet Kaiwade, Director, 'Abhinav Education Society`s Institute of Management And Research, for giving us the necessary inputs to carry out this vital exercise of Electrical Safety and Energy Audit.

Electrical Safety and Energy Audit Team Members:



- 1) Mr. Rahul Patil - B. E., MBA
- 2) Mrs. Jigisha D.Pardesi - B. E., MBA MCA
- 3) Mr. Dilip Jadhav - Diploma in Engineering



December 2022



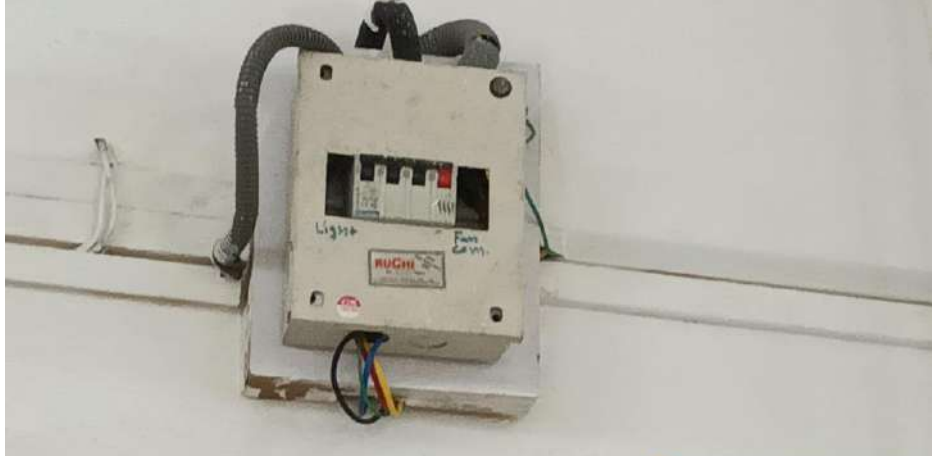

सौरभ इलेक्ट्रीकल
आबेगाव (बु)
प्रोफा.पिंगके एस.डि.
मो.नं.9922136363

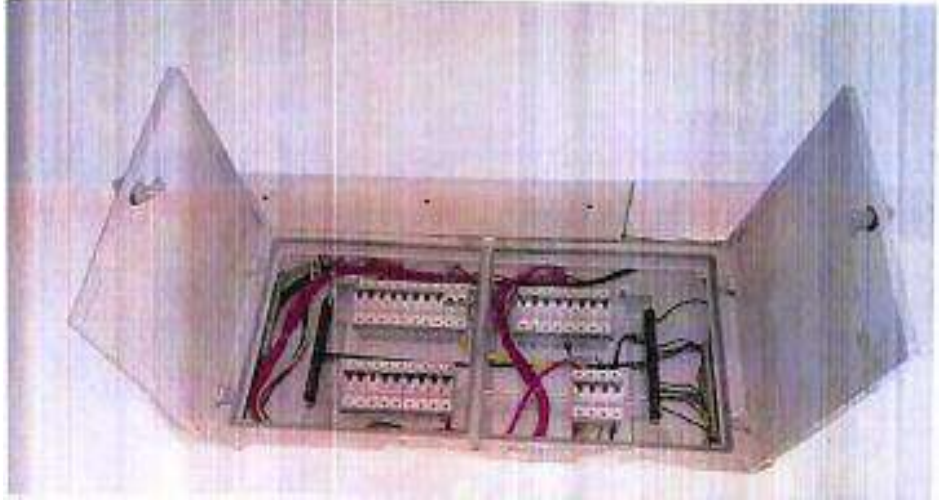
SURVEY OF ELECTRICAL INSTALLATION

**सौरभ इलेक्ट्रीकल
आबेगाव (बु)
प्रोप्रा. पिगके एस. डि.
मो. नं. 9922136363**

Location	LT Switch ear Panel
APFC Transform Area	
Comment	No Rear Access
Location	LT Panel
DG Room	
Comment	No Rear Access
	AESIMR- Safety and Energy Audit 2023

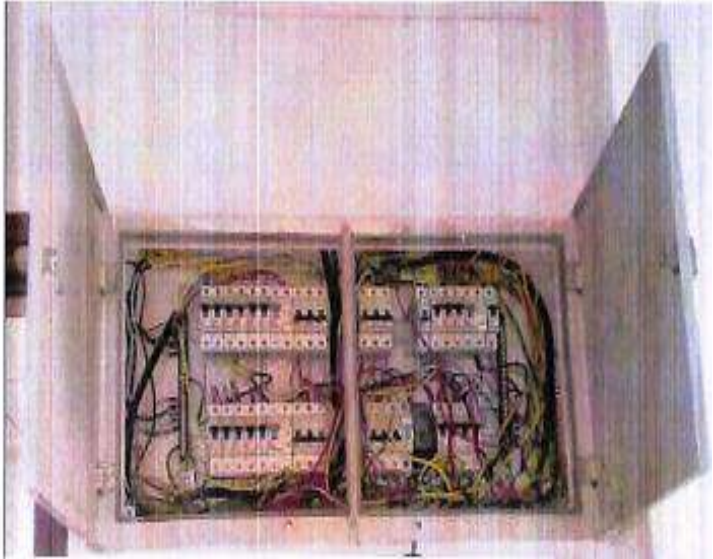
Location	L.T. Panel	
160 A. F. P. MCCB Panel	 <p>Pune, Maharashtra, India ABHINAV Society's Institute of Management and Research, Narhe, Pune, Maharashtra 411041, India Lat 18.436836° Long 73.827503° 02/08/23 12:05 PM GMT +05:30</p>	
Comment	No Rear Access	
Location	D. B.	
First Floor Panel	 <p>Pune, Maharashtra, India ABHINAV Society's Institute of Management and Research, Narhe, Pune, Maharashtra 411041, India Lat 18.436836° Long 73.827503° 29/07/23 11:02 AM GMT +05:30</p>	
Comment	No Rear Access	

Location	D.B.
Second Floor Panel	 <div data-bbox="448 698 632 879">  <p>Google</p> </div> <div data-bbox="651 698 1353 879"> <p>Pune, Maharashtra, India ABHINAV Society's Institute of Management and Research, Narhe, Pune, Maharashtra 411041, India Lat 18.436836° Long 73.827503° 29/07/23 11:02 AM GMT +05:30</p> </div>
Comment	No Rear Access
Location	D.B.
Third Floor Panel	 <div data-bbox="448 1492 632 1673">  <p>Google</p> </div> <div data-bbox="651 1492 1353 1673"> <p>Pune, Maharashtra, India ABHINAV Society's Institute of Management and Research, Narhe, Pune, Maharashtra 411041, India Lat 18.436836° Long 73.827503° 29/07/23 11:01 AM GMT +05:30</p> </div>
Comment	No Rear Access

Location	D.B.
Third Floor Panel I	
Comment	No Rear Access

ANOMALY NO. 1

REPAIRS AS SOON AS POSSIBLE

Location	D.B. Third Panel II
	
Comment	Repair Using Cables Ties For Hanging wires as soon as Possible

OBSERVATIONS	
File Name	
Location	D.B. Third Floor Panel
Area (Bx1) Max. Temp	34.4C
Area(Bx1) Min. Temp Spot(SP1)	32.3C
Temperature	32.3C
Current(A)	
ANALYSIS AND RECOMMENDATIONS	
Fault Cause	-
Recommendation	-
Repair Priority	As soon as Possible

SUMMARIZED DATA FOR ELECTRICAL SYSTEM

Location	Transformer
Transformer Rating	315kVA
Voltage	11KV/433V

❖ OBSERVATION TABLE

Location	Voltage(V)			Current(A)			KW			KV			PF		
	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.
AT315 KVA ER-1	433	407	440	50	0	100	60	0	120	65	0	125	0.980 (LEAD)	1 (LAG)	0 (LEAD)

As per observation AT 315Kva Transformer, average operating voltage is 33V. Voltage THO is found within limit & Current THO is found high i.e., 42%. Average Power factor is 0.980 ((LEAD). Current is 11.5% unbalanced.

❖ OTHER OBSERVATIONS OF ENERGY AUDIT

1. APFC

The Institute has installed Automatic Power Factor Control Panel in July'2021 the same however needs to be fine-tuned for further benefits.

2. Solar Panels

100% installation work of Solar Panels of BIKW AC Capacity has been done by the Abhinav Education Society`s Institute of Management And Research, however net metering by MSEDCL needs to be expedited.

3. LED Lights

The Institute has 100% LED lights. It has replaced CFL and Fluorescent tubes thus saving energy consumption as shown below:

Particulars	Details	Old Load without LED	New Load with LED
Total Connected Load		7.880kw	2.683kw
Daily Requirements	(7hr/day)	7.88	2.683
	kwh/ day	55.16	18.78
Approximately			
Classrooms (kwh)	60%	33.096	11.2686
Office use (kwh)	40%	22.064	7.5124
Classrooms	working days 200	6619.2	2253.72
Office	300	6619.2	2253.72
Total Use	kwh	13238.4	4507.44
Total Saving	kwh/year	8730.96	

4. Natural Lighting

The Institute has classrooms which have big windows thus enabling a greater use of natural lighting and avoiding the use of electrical energy. Also, it has a good green cover with huge trees keeping the temperature lower and reducing energy consumption.

5. Energy Efficient Electrical Gadgets

The Institute has following gadgets which are energy efficient and have,

Following star rating:

Air Conditioners: 3 Star

Refrigerator: 3 Star

TV: 3 Star

Computers have a power off mode while not in use for saving energy

Note: The enclosed report is a study report of Electrical Safety and Energy Audit at Institute of Management And Research, Narhe, Pune-411041. This unauthorized copy on part or whole shall not be used for presentation, distribution, or circulation in any form. The logos or trademarks belong to the respective Company /Institute.

Thank you.....

प्रमाणपत्र क्र. म. ता. २६१३७८



महाराष्ट्र शासन

उद्योग, ऊर्जा व कामगार विभाग
अनुज्ञापक मंडळ

तारतंत्रीचे प्रमाणपत्र

(शासकीय अधिसूचना, उद्योग व कामगार विभाग, क्र. आयडआर-१०६२-विद्युत,
दिनांक १९ मार्च १९६२ अन्वये प्राधिकृत)

प्रमाणित करण्यात येते की,

श्री. अतिश ज्ञानोष्ठा पिंगळे

हे पुणे येथे दिनांक ११/५/२०१० रोजी झालेल्या
तारतंत्री परीक्षेत उत्तीर्ण झाले आहेत.

अनुज्ञापक मंडळ,
उद्योग, ऊर्जा व कामगार विभाग,
सा. वां. विभाग परिसर,
भवत्स महाविद्यालयाजवळ,
अंधेरी (पश्चिम), मुंबई ४०० ०५८.
दूरध्वनी क्र. २६२३४२७७

आ. क्र. ३०४९६
दिनांक : १८/८/२०१०

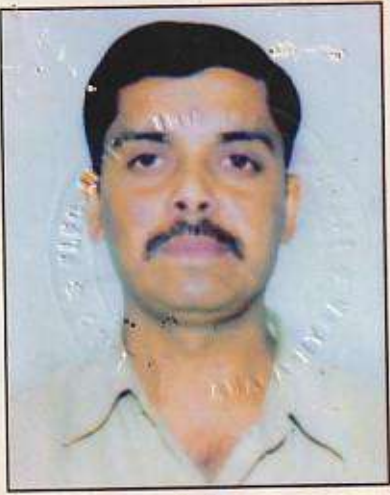
अध्यक्ष,

अनुज्ञापक मंडळ
व मुख्य अभियंता (वि.), मुंबई

सचिव,
अनुज्ञापक मंडळ

[विशेष पारी. २]

30496



Biraj

शा. फो. क्रि. नु. पुणे-टि/२७२-(२०,०००)-११-०६
विशेष पत्री. ४म)

तारतंत्रीचा परवाना

म.ता.क. २६१३७८

अनुज्ञापन मंडळ, मुंबई, महाराष्ट्र
राज्य, मुंबई (शासकीय अधिभूचना,
उद्योग व कामगार विभाग, क. आयई
आर-१०६२- विद्युत, दिनांक १५ मार्च १९६२
अन्वये प्राधिकृत)

परवाना दिल्याची तारीख १८/८/२०१०
नाव शतिश झानोषा पिंगळे

परीक्षेची तारीख १९/५/२०१०
परीक्षेचे ठिकाण पुणे
आसन क्रमांक ३०४९६

30496

या परवान्याद्वारे शहर परवाना - धारकाला
शासकीय अधिभूचना उद्योग व कामगार
विभाग क. आयईआर-१०६२-विद्युत दिनांक
१५ मार्च १९६२ व्हाली महाराष्ट्र शासनाने
प्रसिध्द केलेल्या नियमात नमूद केलेल्या
शर्तीच्या अधिन राहून तारकाम (प्रायरींग
वर्क) करण्याची मुभा राहिल. परंतु त्याला
पर्यवेक्षकाची किंवा विद्युत ठेकेदाराची काम
रवीकारण्याची मुभा राहणार नाही.

हा परवाना, परवाना - धारकाने नेहमी
जपळ बाळगला पाहिजे.

Biraj
अधिव,
अनुज्ञापक मंडळ

Biraj
अध्यक्ष,
अनुज्ञापक मंडळ

शेरा



Maharashtra State Electricity Distribution Co. Ltd.

BILL OF SUPPLY FOR THE MONTH OF Jun 2023

000002060291790

GSTIN: 27AA ECM2933K1ZB

Website : www.mahadiscom.in

HSN CODE: 27160000

RASTAPETH (U) CIRCLE:519

PARVATI DIVISION : 310

WADGAON SUB-DN. : 677 1

Consumer No. : 170498789024
Consumer Name : M/S ABHINAV EDUCATION SOC
Address : SNO 23 NR DANGAT CRUSHER RD NARHE

Village : PUNE DHAYARI **Pincode :** 411041

BILL DATE	05-07-2023
DUE DATE	
IF PAID UPTO	
IF PAID AFTER	25-07-2023
Last Receipt No./Date	/13-03-2023
Last Month Payment	00.00
Scale / Sector	Large Scale /Private Sector

Email ID :		Activity :	SCHOOLS AND COLLEGES	
Mobile No. : 77*****01	Meter No.: 055-X1132217	Seasonal :	N	Load Shed Ind :
Tariff : 89 LT-VII B I	Connected Load (KW): 66.00 KW	Urban/Rural Flag :	U	Express Feeder Flag : N
Contract Demand (KVA): 83.00	40% of Con. Demand(KVA): 33.20	Feeder Voltage (KV) :	11	LIS Indicator :
Sanctioned load (KW) :	66.00 KW			
DTC : 4677005	PC-MR-ROUTE-SEQ : 00-40-4020-5031	BU :	4677	PC : 00
Date of Connection : 23-11-2009	Category :	LT-X PUBLIC SERVICES >50KW		GSTIN :
Supply at : LT	Elec. Duty :	52	PAN :	
Prev. Highest (Mth) :	Prev. Highest Bill Demand (KVA) :			
Security Deposit Held Rs. : 1,19,881.00	Add. S.D. Demanded Rs. : 00.00			
Bank Guarantee Rs. : 0.00	S.D. Arrears Rs. : 00.00			

BILLING HISTORY

Bill Month	Consumption (Units)	Bill Demand (KVA)	Bill Amount
May 2023	2,691		3349,767.63
Apr 2023	2,981		3353,616.81
Mar 2023	2,665		3346,338.94
Feb 2023	2,315		3342,160.09
Jan 2023	2,616		3345,703.71
Dec 2022	3,663		3358,955.63
Nov 2022	2,916		3349,354.47
Oct 2022	2,816		3348,123.93
Sep 2022	3,753		3359,474.22
Aug 2022	4,211		3365,069.03
Jul 2022	4,352		3366,694.01
Jun 2022	4,057		3363,275.97

CUSTOMER CARE Toll Free No.
1912, 1800-212-3435,
1800-233-3435

Rule & Procedure for Consumer Grievances Redressal is available at www.mahadiscom.in>consumer portal>CGRF Instead of Printed bill , register for E-bill and avail Rs. 10 per bill as a "Go-green " discount.For registration visit at www.mahadiscom.in->consumer portal->Quick access->Go-green request

For making Energy Bill Payment through RTGS/NEFT mode, use following details

- Beneficiary Name: **MSEDCL**
- Beneficiary Account Number:**MSEDCL01170498789024**
- IFS Code: **SBIN0008965**
- Name of Bank: **STATE BANK OF INDIA**
- Name of Branch: **IFB BKC**
- Bill Amount:**0.00**

Disclaimer: Please use above bank details only for payment against consumer number mentioned in beneficiary account number.

आता नवीन औद्योगिक वीज जोडणी अधिक सुलभतेने

Ease of doing business

नवीन वीज जोडणीसाठी
गरज केवळ दोनच दस्तऐवजाची

- * मालकी हक्क / वाहिवाटीचा पुरावा
 - * जिल्हा उद्योग केंद्राचे प्रमाणपत्र
- सर्व प्रक्रिया ऑनलाईन (अर्ज भरणे, डिमांड नोटचा भरणा)



संपर्क :
महावितरणाच्या www.mahadiscom.in
या संकेतस्थळावरील ग्राहक वेब स्वयंसेवा
किंवा महावितरण मोबाईल ॲपचा वापर करावा

Important Message

- Consumers can pay online using Net Banking, Credit/Debit cards at <https://wss.mahadiscom.in/wss/wss> after registration.
- Submit / update your E-mail id and mobile number to Circle office for receiving prompt alerts through SMS.
- Submit / update your PAN and GSTIN to circle office with copies of PAN and GSTIN for verification.
- Special desk is operational for HT Consumers, please contact : htconsumer@mahadiscom.in for any clarification / query or grievance.
- This Electricity Bill should not be used for the address proof and as a proof of property ownership.
- For Any Payment to MSEDCL, ENSURE & INSIST for computerised receipt with unique system generated receipt number. Do not accept handwritten receipts. Pay online to avoid any inconvenience.

CURRENT CONSUMPTION DETAILS

Reading Date	KWH	KVAH	RKVAH (LAG)	RKVAH (LEAD)	KW (MD)	KVA (MD)
Current 30-06-2023	81237.600	83060.800	11981.000	1077.600	25.700	25.980
Previous 31-05-2023	77667.600	79423.600	11567.000	1052.200		
Difference	3570.000	3637.200	414.000	25.400		
Multiplying Factor	1.000	1.000	1.000	1.000	1.000	1.000
Consumption	3570.000	3637.000	414.000	25.000	26.000	26.000
LT Metering	0.000	0.000	0.000	0.000	0.000	0.000
Adjustment	0.000	0.000	0.000	0.000		
Assessed Consump	0.000	0.000	0.000	0.000	0.000	0.000
Total Consumption	3570.000	3637.000	414.000	25.000	26.000	26.000

BILLING DETAILS

Billed Demand (KVA)	33	@ Rs.	422	Demand Charges	13,926.00	
Assessed P.F.		Avg. P.F.	0.990	Wheeling Charge @ 01.17	4,176.90	
Billed P.F.	0.990	L.F.		Energy Charges	34,771.80	
Consumption Type	Units	Rate	Charges Rs.	TOD Tariff EC	447.10	
Industrial	0	0.00	00.00	FAC @ 00.00 Ps/U	00.00	
Residential	0	0.00	0.00	Electricity Duty (16.00 %)	8,531.49	
Commercial	3,570	9.74	34,771.80	Other charges	00.00	
E.D. on(Rs)	Rate %	Amount Rs.		Tax on Sale @ 19.04 Ps/U	679.73	
0.00	0	0.00		P.F. Penal Charges/P.F. Inc.	-1,333.05	
0.00	0	0.00		Charges For Excess Demand	00.00	
53,321.80	16	8531.49		Incr Consumption Rebate	-1,071.75	
TOD Zone	Rate	Units	Demand	Charges Rs.		
2200 Hrs-0600 Hrs	-01.50	450	4.00	-675.00	Debit Bill Adjustment	00.00
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs	00.00	1808	26.00	0.00	TOTAL CURRENT BILL	60,130.00
0900 Hrs - 1200 Hrs	00.80	1074	25.00	859.20	Current Interest 02-07-2023	00.01
1800 Hrs-2200 Hrs	01.10	239	5.00	262.90	Principle Arrears	-1,52,297.20
Amount in Words	ONLY				Interest Arrears	00.00
					Total Bill (Rounded) Rs.	00.00
					Delayed Payment Charges Rs.	0.00
					Amount Payable 25-07-2023 After	
					Amount Rounded to Nearest Rs.(10/-)	

Message:

- # Online payment Facility - adopt for safe , easy and free online payment facility through <https://wss.mahadiscom.in/wss> OR Mobile app - Mahavitaran & get discount of 0.25% (max Rs.500). For queries please contact helpdesk_pg@mahadiscom.in.
- # Incremental Consumption Rebate if paid on or before 11-07-2023 Rs. 1071.75/after 11-07-2023 Rs.1071.75 on units 1429 Ref Consumption 2141.

Your mobile number is 77*****01 For updation/registration of mobile number use Mahadiscom website or Mobile App or send sms to 9930399303 as follows MREG 170498789024.

As per MERC order dt.24/02/2021, Monthly energy bill receipt in cash is limited to Rs.5000/- w.e.f 01/11/2021.

In case of energy bill paid through NEFT / RTGS, date of amount credited in MSEDCL bank account will be considered as bill payment date.

As per MERC order for Case No 322 of 2019 revised Cheque Bounce charges of Rs. 750 or Bank charges whichever is higher will be applicable from 01 April 2020.

Message: Please refer copy of the bill for details./

As per Income Tax provision vide section 269 ST cash receipt of Rs.2.00 lakhs and above will not be accepted by MSEDCL against any type of Payment.

Prev Prompt Payment Credit:-418.99

As per MTR order (226/2022) revised tariff for FY 2023-24 is effective from 01.04.2023.

Prompt Payment Discount: Rs. 0.00 , if bill is paid on or before 11-07-2023 .

CONDITIONS

1. The total bill amount of the bill may be remitted by a Crossed Demand Draft/Cheque drawn in favor of 'Maharashtra State Electricity Distribution Co. Ltd.' Whenever Security Deposit is demanded separate Cheque/Bank Draft should be sent.
2. The current bill is payable within fifteen days from the date of issue of the bill. Even if there is any discrepancy in the bill or any other clarification needed, consumers are requested to pay the billed amount in full provisionally or under protest subject to review and subsequent adjustment, so that payment of delayed payment charges is avoided.
3. This bill is issued subject to the provision of the 'Conditions and Miscellaneous charges for supply of Electrical Energy' of the company.
4. Please quote the Consumer Number on the back of the Cheque. The payment of this bill should be made at Company's office only.
5. If the cheque is sent by post, the same should be posted three clear days in advance of the due date.
6. If paid by Cheque/DD/Pay Order, then the Realization date should be considered as payment date.

Collection Hours : 10-30 to 16-00 Hours (Except on Bank Holidays, Sundays, 2nd and 4th Saturdays)

Follow us at:    

Environment Promotion Activities

Date of the Event	Name of the Event
26-02-22	Sinhgad Fort Cleaning and Khadakwasla River cleaning Drive
08-04-22	Water Conservation: Saving water by adopting Simple Habits
22/04/2022	World Earth Day
25/04/2022	Green Vibes Only: Plant holders from Plastic Bottles
02-05-22	E- Waste Drive
04-05-22	No Flame Cooking
06-06-22	World Environment Day
08-06-22	World Oceans Day - Symposium on Sustaining Life Below Water
11-06-22	Session on Tools for Paperless office by Titus Newton
22-23 June 2022	Swachh Wari - Swasth Wari - Nirmal Wari – Harit Wari' campaign
01-07-2022	Adolescent Menstrual Hygiene : Making Cloth Pads
31-08-2022	Ganesh Chaturthi - Eco Friendly Ganesha
16/09/2022	World Ozone Day
22-11-2022	International Meatless Day