



7.3 Institution distinctiveness – the performance of the institution in one are distinctive to its priority and thrust.

Documents Enclosed

- a. Office order of Eco-Friendly Awareness Committee
- b. Detailed Report on Internal Assessment of Campus Environment and Sustainability
- c. Non-Compliance and Recommendation by the Committee



Principal
Dr. D. Y. Patil School of Engineering
Lohegaon, Pune.



"Empowerment through quality technical education"
Dr D Y Patil Educational Enterprises Charitable Trust's

Ajeenkya D Y Patil Group of Institution's Technical Campus
Dr D Y PATIL SCHOOL OF ENGINEERING

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)
AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720
(Accredited by NAAC)

Ref. No: ADYPKC/SOE/2020-21/

Date: 15.06.2020

Office Order

The following staff members are appointed as committee Incharges & members of the Committees.

Sr. No.	Name of the Committee	Committee Incharges	Committee Members
1	Finance Committee	Dr. S. M. Khairnar	1] Dr. S. M. Koli 2] Mr. Raj Ghadge
2	Academic Development And Monitoring Committee	Mr. Rohit Nagesh Garad	Heads of All departments
3	Budget Committee	Dr. Rajesh Katdare	Registrar and All Heads of departments
4	Purchase Committee	Dr. Pankaj Agarkar	Mr. Sachin Rasal and All Heads of departments
5	Staff Welfare Committee	Mrs. Pallavi Shimpi	1] Ms. Aakanksha Ingale 2] Mr. Pooja Nawathe 3] Ms. Ashwini Bagade
6	Parent Teacher Association	Dr. Rahul Katkade	All HoDs and Class Teachers
7	Sports Committee	Mr. Umaji Kolekar	1] Mr. Bhagwat Gidhad 2] Mr. Vinod Patil
8	Newsletter Committee	Mrs. Ashwini Pandagale	All Department HoDs & department Event coordinators
9	Canteen Committee	Ms. Uzma Shaikh	1] Mr. Yogesh Gandal
10	Eco Friendly Awareness Committee	Mrs. Amruta Chitari	CR-VII department coordinators
11	Hostel Committee	Mr. Ghule Vikram M	1] Ms. Ajita Mahapadi 2] Mr. Prasad Gayake
12	Internal Exam Committee	Mr. Prashant Karajagi	All department exam coordinators

Committee In-charges are instructed to prepare aim, objectives, SOP, Plan of action of your committee and conduct a meeting to execute the plan. Submit the minutes of meeting and action taken report to the IQAC Coordinator and give the required data and information to the concerned Criteria Chairpersons whenever asked.




Dr. Ashok Kasnale
PRINCIPAL



"Empowerment through Quality Technical Education"

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

Website: www.dypsoe.in



Internal Assessment of Campus Environment & Sustainability

May 2021

Conducted by

Internal Eco-Friendly Environment Committee

Project Site

Ajeenkya D Y Patil University (ADYPU) Campus, Lohegaon, Pune

Internal Eco-Friendly Environment Committee

(This committee has been created as per the Norms of UGC/ AICTE)

Committee

Name of Member	category	Designation Details
Prof. Amruta Chitari	Educationist	Chairman
Prof. Nilesh Mali	Educationist	Member
Prof. Uday Kakade	Educationist	Member
Prof. Yogesh Danekar	Educationist	Member

Tenure/ Term: Three Academic Years (with effective from 1st Feb 2021)

Objectives:

Education

1. Increase student, staff, and faculty awareness of the importance of implementing sustainable practices in the school environment and beyond
2. Serve as a resource on recycling and waste management questions, energy and water conservation, environmentally preferable purchasing, and other initiatives

Sustainability

1. Collect, measure, and report on DYPSOE's environmental performance in order to initiate alternatives to existing practices that will positively affect the environment Foster individual growth and development by supporting each student's academic achievement and involvement in the community life of the College.
2. Institute energy and water conservation strategies, as well as environmentally friendly purchasing strategies, including a preference for reusable and compostable materials
3. Promote AC as an environmentally conscious institution and cultivate sustainable habits that have widespread effects for the community

Waste Management

1. Improve the effectiveness and accessibility of DYPSOE's waste management system by implementing multi-waste sorting bins in common areas and classrooms
2. Communicate and model best practices for sorting and disposing of waste, recycling, and compost
3. Increase and promote recycling and composting while contributing to larger regional waste diversion goals

Community Engagement

1. Create and facilitate frequent green events, including: building and park clean-ups, gardening events, and lunch-and-learn sessions
2. Create and promote ongoing volunteer and educational opportunities for all members of the DYPSOE community to take part in eco-friendly initiatives and events

Methodology

Primary data collection was done through

1. Direct field observations taken by audit team.
2. Semi structured interviews of students, teaching staff and administrative staff
3. Photo documentation

Secondary data was acquired from administrative office of the college

Chapter 1

Green Audit – Campus Introduction and Facilities

Green audit is a systematic process of identification, quantification, recording, reporting and analysis of components of environmental diversity of various establishments. Green audit was initiated with the beginning of 1970s with the motive of inspecting the work conducted within the organizations whose exercises can cause risk to the health of inhabitants and the environment.

The objective of Green audit:-

- To determine usage/wastage of energy or water or other resources;
- Implement changes to ascertain optimum usage of resources and makesavings.
- To evaluate type, quality and quantity of waste generated in premises.
- To determine waste handling and processing practices to reduce, recover and recycle the generated waste
- To promote health consciousness and environmental awareness, values andethics among stake holders of organization.

Globalization with rapid urbanization has led to socio-economic and environmental crises. To tackle this issues and impart awareness among generations it is highly important to adopt the system of the Green Campus forthe institutes. This may lead for sustainable development and at the same time reduce a sizable amount of atmospheric greenhouse gases from the environment.

The aim of the Green Audit is to review the overall environment management systems. Depending on the types of standards and the focus of the audit, there are different types of environmental audits.

Organizations now recognize the importance of environmental matters and accept that their environmental performance should be scrutinized to understand its impact and to take remedial measures to lessen it.

Environmental auditing is used to

- Investigate
- Understand and
- Identify

These are then used to help in improving existing human activities, with the aim of reducing the adverse effects of these activities on the environment. An environmental auditor studies an organization's environmental effects in a systematic and documented manner and produces an environmental audit report.

Green audit for the university has examined the following systems

- Water Management
- Waste Management
- Health and safety management
- Sanitation management
- Adopted Green practices
- Biodiversity

1. About Project Site

Ajeenkya D Y Patil University (ADYPU), Pune has been established under Maharashtra Govt. Act of 2015 of Government of Maharashtra, located at Charoli Budruk, close to Lohgaon, Pune. ***Dr. D. Y. Patil School of Engineering (SOE)*** is also a part of this campus.

There are total 8 schools running in the same campus of ADYP University viz. School of Engineering, School of Management, School of Law, School of Design, School of Information & Technology, School of Film & Media, School of Hotel Management and School of Liberals Arts. There are two more schools Dr. D. Y. Patil School of Engineering and Dr. D. Y. Patil School of Engineering and Technology which are affiliated to SPPU, Pune.

The campus comprises, 5 spacious buildings as administrative and Academic blocks, 2 spacious buildings one as girl's hostel and one more for boy's hostel, Also there is a canteen Area attached to girl's hostel, Parking Area, library and closed sports facility building, four playing grounds and one considerably big water body. The existing campus offers a student friendly and green work environment.

College campuses all over the world are shifting their attention towards a more sustainable future by redesigning the way their campus' needs and wants are met. As a progressive step forward, a comprehensive environmental audit was conducted at the campus.

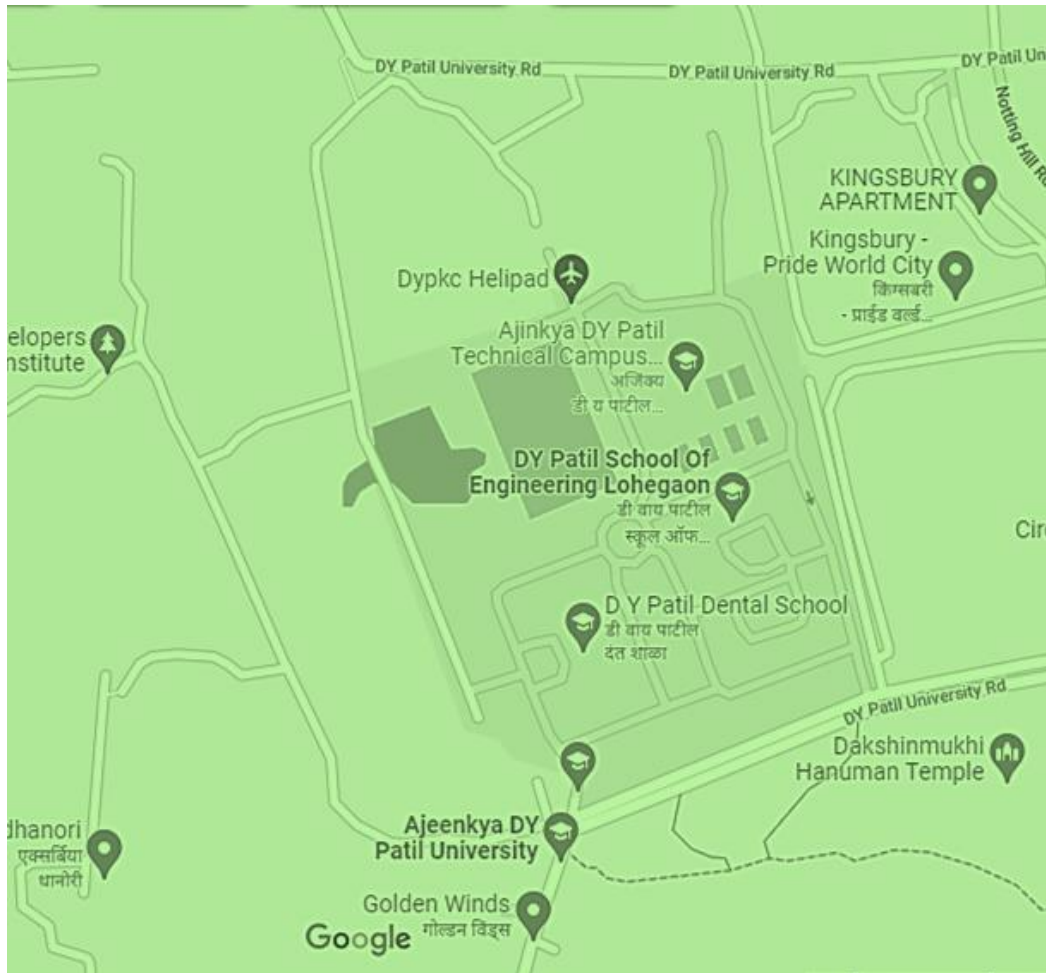


Photo No. 1 Map location of Dr. D. Y. Patil School of Engineering (DYPSOE)

2. Buildings and other allied Facilities

Sr. No.	Particulars	Space
1	Administration & School of Engineering	Spacious
2	School of Dental Studies	Spacious
3	International School	Spacious and Creative
4	School of Design	Spacious
5	University Learning Centre	Spacious and Creative
6	School of Hotel Management	Spacious and Creative
7	Amphy Theatre	Spacious and Creative
8	Library & closed sports facility	Spacious
9	Toilet Blocks	Spacious
10	Parking Area	Spacious
11	Canteen	Spacious
12	Internal connecting Roads	Well maintained
13	Gardens	Spacious and Creative
14	In campus E transportation facility	Well maintained
15	Dr. D. Y. Patil School of Engineering	Spacious
16	Dr. D. Y. Patil School of Engineering and Technology	Spacious



Photo No. 2 Dr. D. Y. Patil School of Engineering

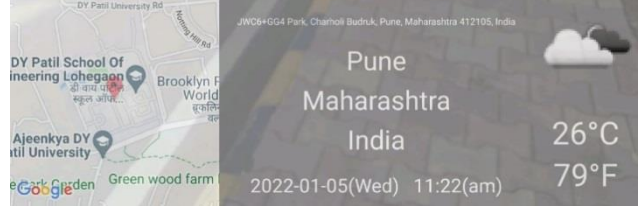
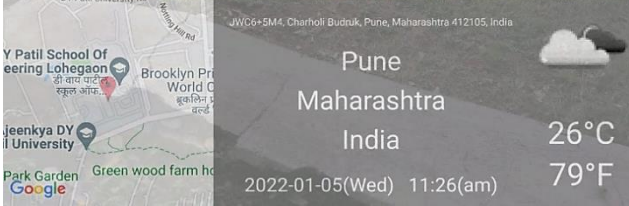


Photo No. 3 Mini Football Ground

Photo No. 4 Pedestrian Paths

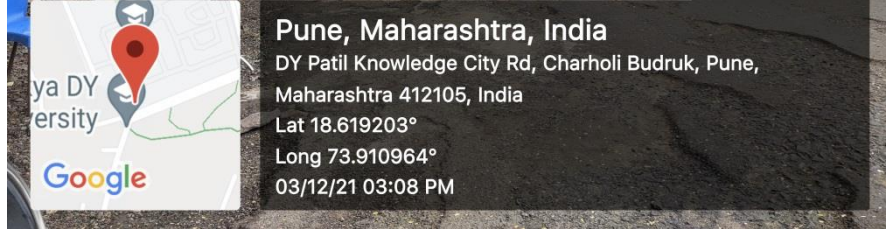
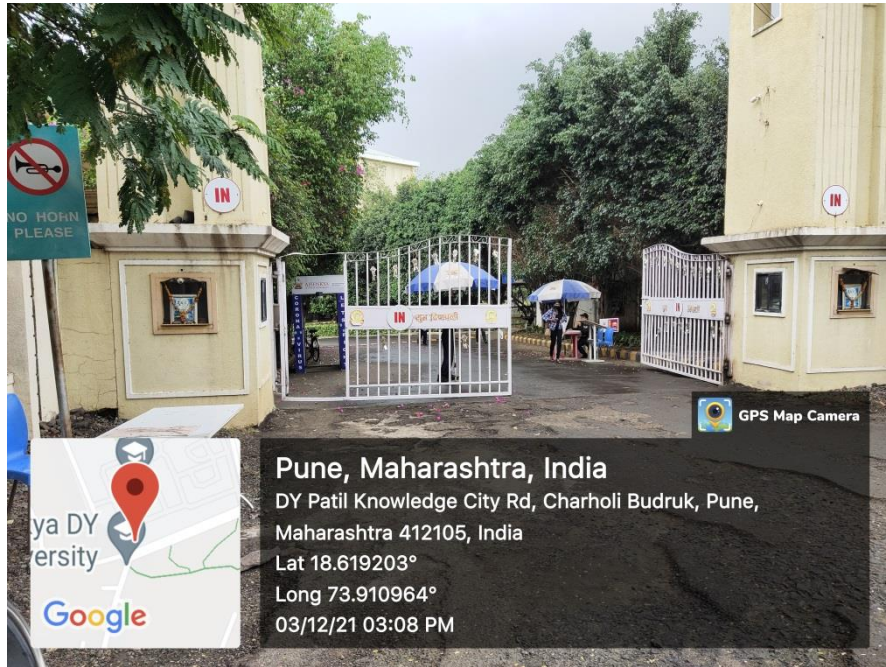


Photo No. 5 Campus Main Gate

Photo No. 6 Net Cricket Ground



Photo No. 7 Basketball Ground



Photo No. 8 Hollyball Ground



Photo No. 9 Indoor Badmitton Court

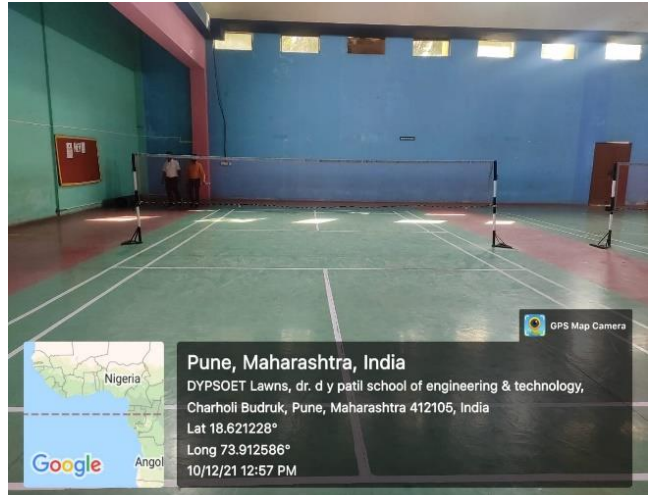


Photo No. 10 Cricket Ground



Eco-Friendly Power

Photo No. 11 Electric Vehicle (EV) Charging Point

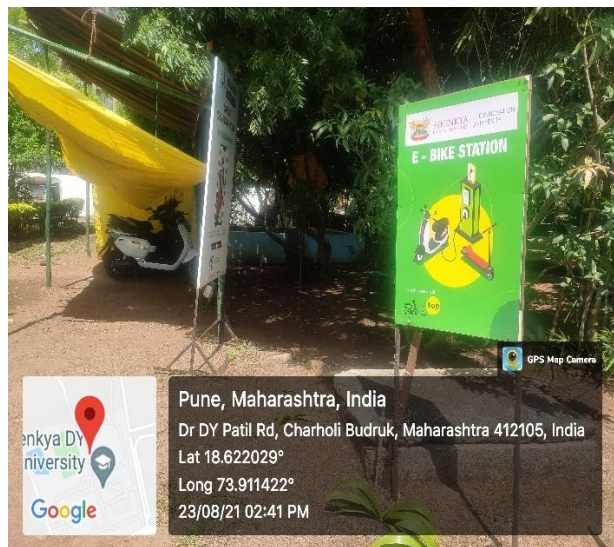


Photo No. 12 Solar PV Power Station



Photo No. 13 Solar Water Heating for Hostels



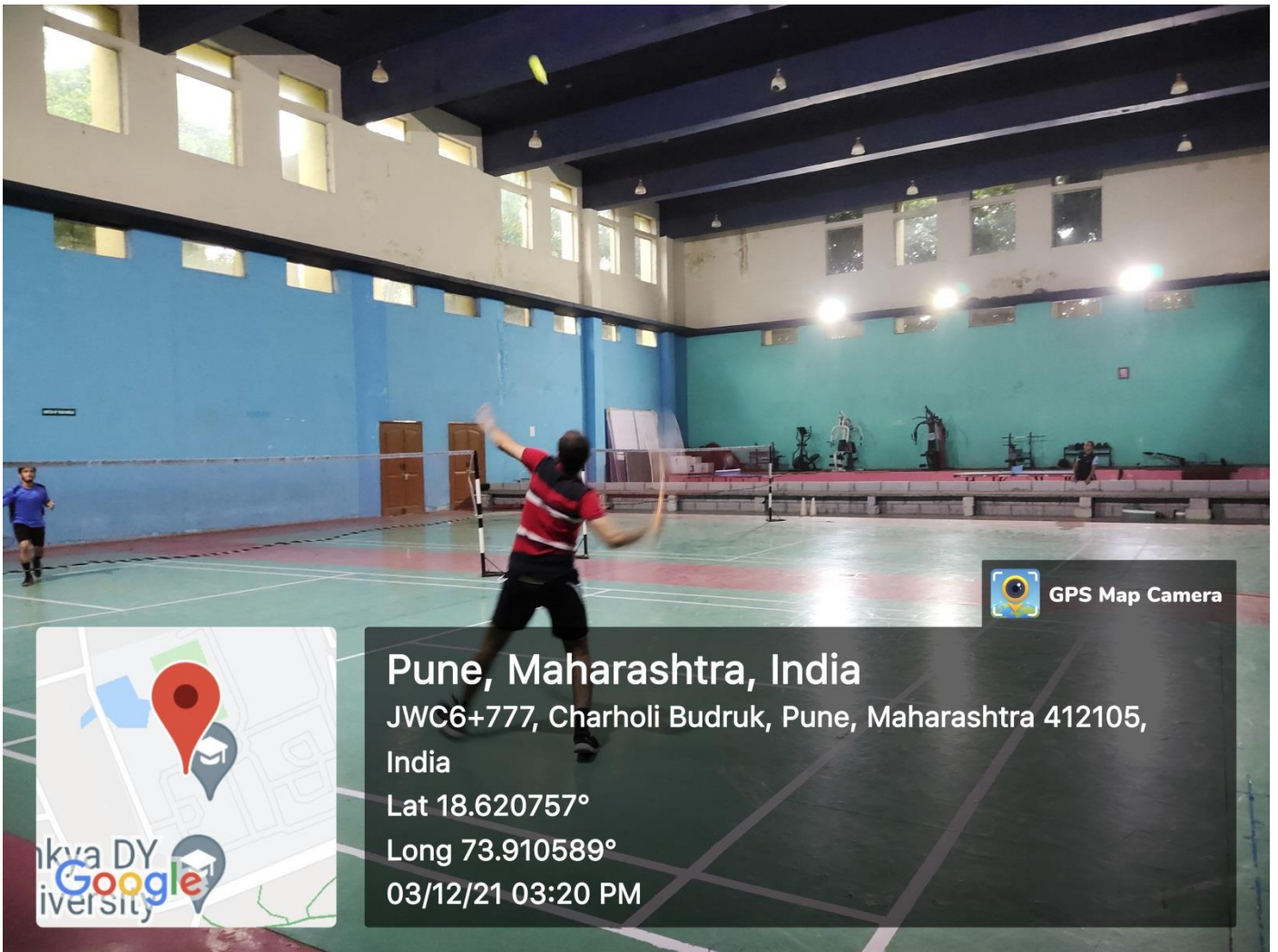
Photo No. 14 Solar PV Power Station @ Technical Campus



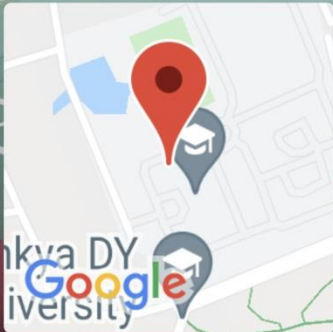
Photo No. 15 Lawn Tennis



Photo No.16 Table Tennis



 GPS Map Camera



Pune, Maharashtra, India

JWC6+777, Charholi Budruk, Pune, Maharashtra 412105, India

Lat 18.620757°

Long 73.910589°

03/12/21 03:20 PM

Photo No.17 Basketball Court

Photo No. 18 Natural Rain Water Harvesting



Photo No. 19 Staff Quarters

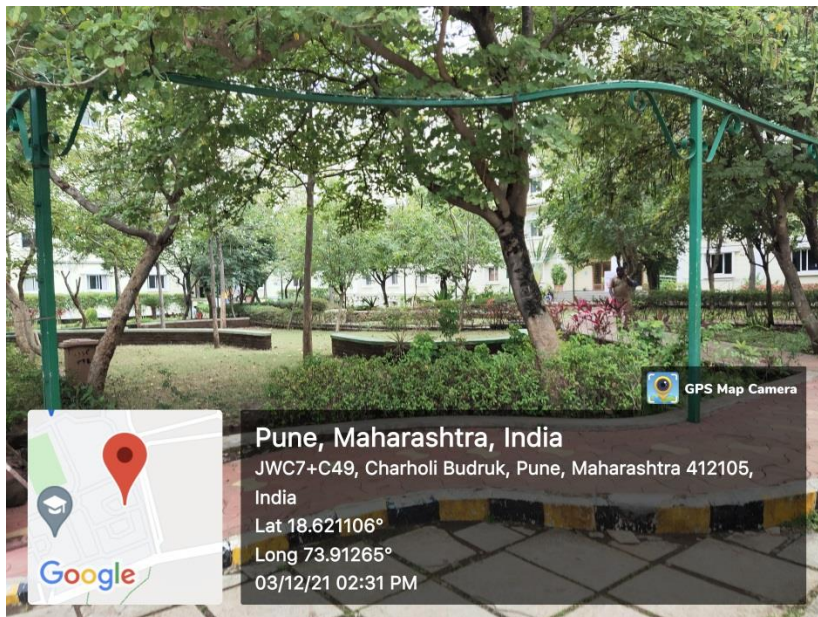


Photo No. 20 Open space in front of DYP SOE

Photo No. 21. Ambulance Facility



Photo No. 22 Sewage Treatment Plant



Photo No. 23 Bamboo Garden





Photo No 24 Tree plantation on both side of the road

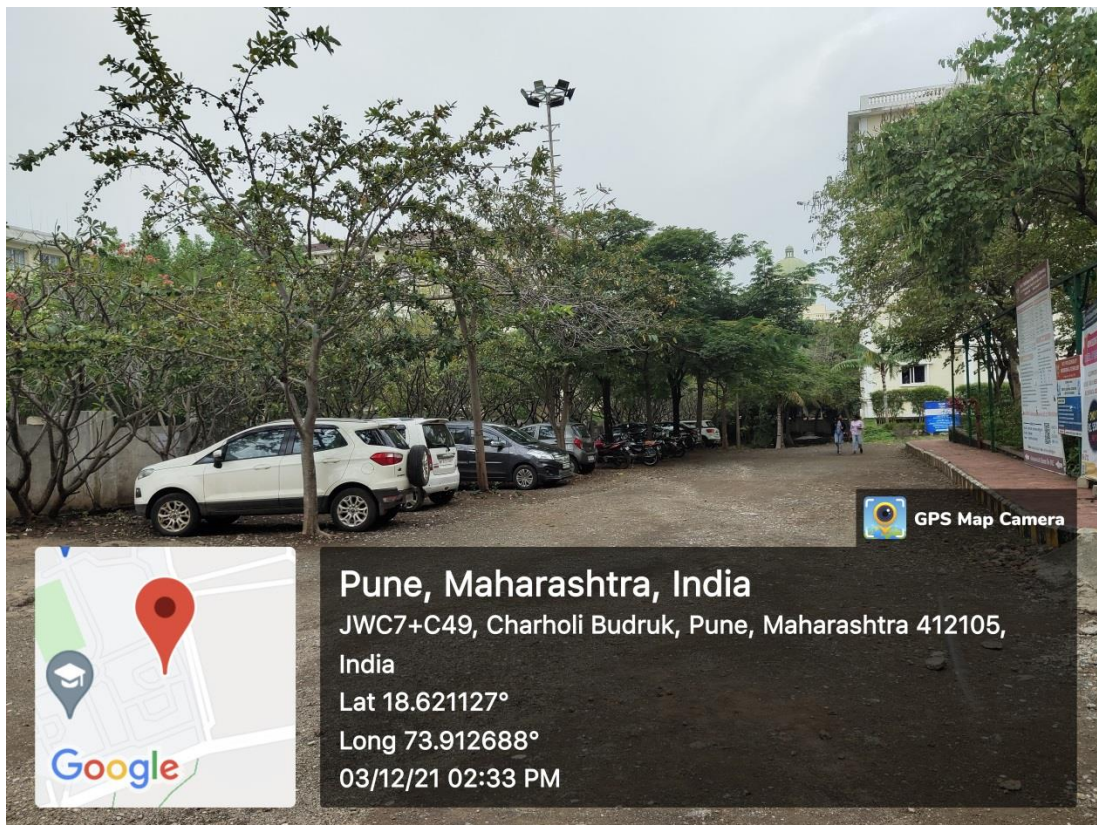


Photo No 25 Car Parking



Photo No 26 Students Parking

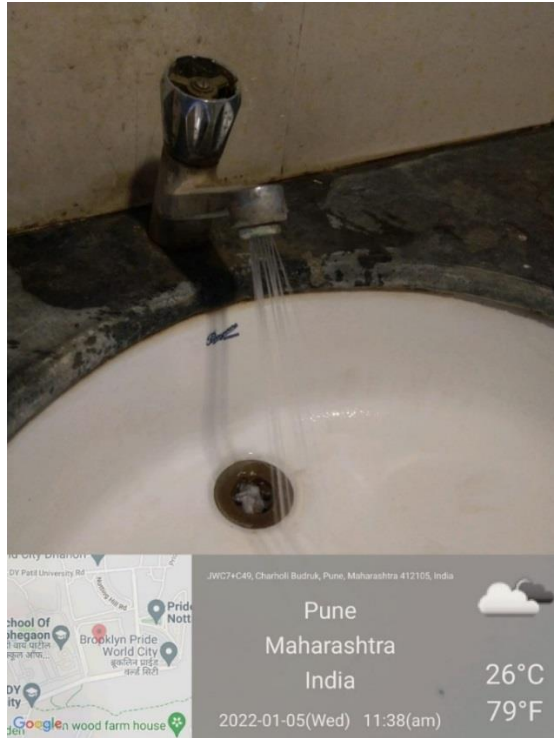


Photo No 27 Eco-friendly water taps at toilets which save 70% water

Chapter 2

Campus Data and Observations

Sr. No.	Particulars	Space	Ventilation	Natural Light	Cleanliness	Remark
1	Administration and Engineering building SOET/SOE/SOA	Spacious	Good	Poor	Good	Comparatively poor cross ventilation at individual teacher's room on 1 st floor
2	School of Dental Studies	Spacious	Good	Good	Good	
3	School of Design	Spacious	Good	Good	Good	
4	School of Film and Media	Spacious	Good	Poor	Good	
5	Library & closed sports facility	Library Less Spacious	Good	Good	Good	
6	Canteen	Spacious	Good	Good	Good	
7	Toilet Blocks	Spacious	Good	Poor	Good	
8	Parking Area	Spacious	Good	Good	Good	
9	Staircases	Spacious	Good	Good	Good	

A. Water Resources & Management:

Water source and storage

Bore well is the sole source that provides water to the whole campus. There are 2 big underground water tanks one, located at international school premises and other, near engineering college building.

Total storage capacity of these underground tanks is 4,00,000 lit and overhead tanks have storage capacity 3,50,000 lit. The tanks are filled daily. It has a pressurized pumping system.

Because of sound water use planning, the campus is almost self-sufficient when it comes to clean water. When the need arises PCMC connection is sufficient to satiate the needs of the campus and the campus is completely free of tanker usage.

The usage of Groundwater is Approx. 3,00,000 Lacs Liter LPD and the estimate of Groundwater resource is Borewell [7.5 HP & 5 HP Capacity].

Water consumption

Water from underground water tanks is pumped to overhead tanks daily and it's a continuous process. Hence on an average water consumption of the institution can be considered 7,00,000 litres per day. (As per secondary data)

Note: Total water consumption estimation was not under the scope of this audit.

There are no glasses for drinking water on water filters except in international school premises. Steel glasses should be kept on the filters.

Water harvesting potential

There is a great potential of roof top rain water harvesting. The total roof top area estimated is 14928 Sq.m. Hence it has a potential of approximately 86,22,413 litres of water harvesting.

As reported by management staff, in summers usually for one and half months 20 – 25 tankers of capacity 12-16 lit each are required daily to fulfill daily water requirements.

On the background of water scarcity in summer season, tapping this roof water potential will be immensely beneficial.

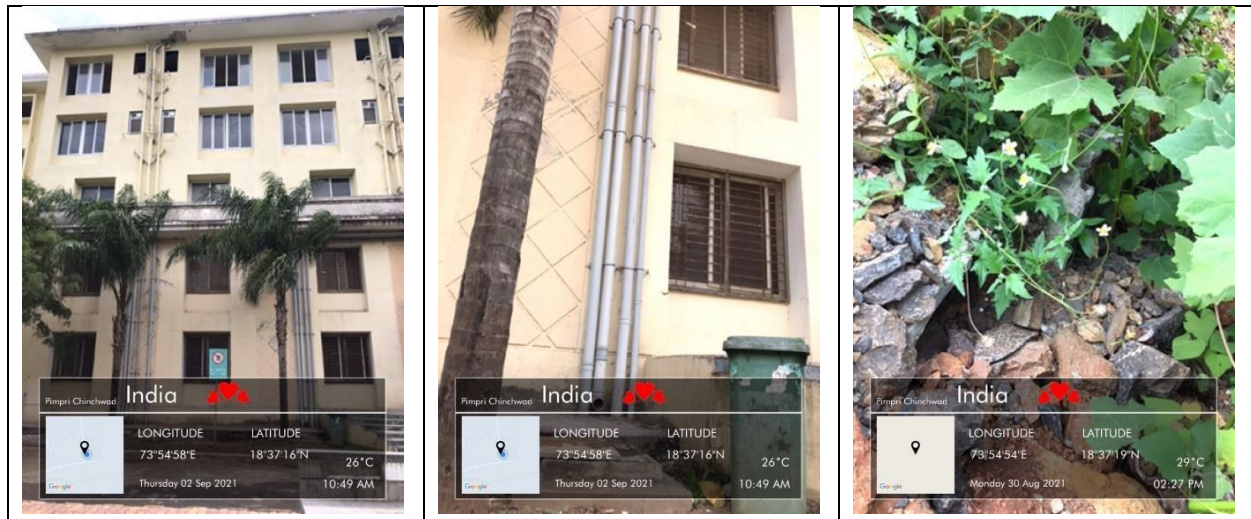


Photo No. 28 Rain Water Harvesting work in progress

B. Waste Generation & Management

1. Waste Water Generation and Treatment

Sr. No.	Waste category	Method of disposal
1	From toilets	Closed drainage system
2	From Canteens & other buildings	Closed drainage systems

Organization have a well maintained STP for treatment of waste water generated. The capacity of Sewage Treatment Plant [STP] is 3,00,000 LPD. The treated wastewater is recycled for gardening purpose. It is suggested that treated waste water may be used for flushing purpose also.

2. Solid Waste

Sr. No.	Waste category	Method of disposal
1	Dry Waste	Disposed off in bins and taken away by PCMC
2	Wet waste and Garden waste	Composting and Bio Gas plant in the campus
3	Biomedical waste	Disposed in separate bins and taken away by PCMC
4	E waste	No considerable E-waste has been generated as the institution took shape recently



Photo No. 29 Separate Dustbins for Wet and Dry West



Photo No. 30 Bio Gas Plant



Photo No. 31 Garbage Collection



Photo No. 32 Garden Waste Composting

Observations –

1. Separate dust bins for dry waste and wet waste have been kept on all appropriate locations in campus like in each classroom, administrative building, and library buildings and in toilets. These small dust bins are emptied daily in bigger dust bins kept on each floor near toilet blocks. The waste from big sized dustbins are taken alternate days by PCMC. Cleanliness is satisfactorily maintained in the campus. Cleaning is properly and regularly done by appointed contractor's worker team.
2. Biogas plant is installed for wet waste handling, proposed a Vermicomposting plant additionally for total wet waste treatment. Work for vermicomposting plant is in progress.
3. Sewage Treatment plant with appropriate system is present in campus. The treated waste water quality reports were observed satisfactory. Treated waste water used for gardening purpose. It is suggested to recycle the treated wastewater for flushing purpose also.
4. There is a machine installed for getting fresh sanitary napkins with all instructions as how to use the machine put on the wall in ladies toilet on ground floor of SOET and on ground floor in school of dental studies. For the disposal of sanitary napkins there are small rectangular dustbins are kept however they are not labeled so.
5. The labels should be put on them indicating the bin for disposing sanitary napkins. Though separate bins have been kept in toilets, the cleaning staff reported that there is very less awareness and health concern among girls and cleaning staff often find the used sanitary napkins dumped in commode.

C. Biodiversity

Different types of flora has been observed on the campus as below

Table No.1 List of flora at ADYPU Campus

S. No.	Botanical Name	Family	Common name
1	Acacia leucophloea (Roxb.) Willd.	Leguminosae	Khair
2	Albizia lebbeck (L.) Benth.	Leguminosae	Shirish
3	Alstonia Scholaris	Apocynaceae	Alstonia
4	Phanera purpurea	Fabaceae	Kanchan
5	Nyctanthes arbor-tristis	Oleaceae	Prajakt
6	Neolamarckia cadamba	Rubiaceae	Kadamb
7	Ficus benghalensis	Moraceae	Banyan (Vat)
8	Delonix regia	Fabaceae	Gulmohur
9	Chrysalidocarpus lutescens	Arecaceae	Butterfly palm
10	Latania sp	Arecaceae	Fan palm
11	Caryota urens	Arecaceae	Fish tail palm
12	Azadirachta indica	Meliaceae	Neem
13	Michelia champaca	Magnoliaceae	Champa
14	Tabebuia argentea	Bignoniaceae	Tabubia
15	Mangifera indica	Anacardiaceae	Mango
16	Ficus elliptics	Moraceae	Ficus
17	Melaleuca flammea	Myrtacea	Bottle brush
18	Prunus dulcis	Rosaceae	Almond
19	Tecoma stans	Bignoniaceae	Yellow Bells
20	Lagerstomia indica	Lythraceae	Taman
21	Santalum album	Santalaceae	Sandle wood
22	Abelmoschus ficulneus	Malvaceae	Ran bhendi
23	Prunus avium	Rosaceae	Cherry tree
24	Peltophorum pterocarpum	Fabaceae	Copper pod
25	Syzygium cumini	Myrtacea	Jamun
26	Tribulus terrestris	Zygophyllaceae	Gokharu weed
27	Parthenium hysterophorus	Asteraceae	Congress grass weed
28	Lantana camara	Verbanaceae	Lantana weed
29	Ixora coccinea	Rubiaceae	Ixora
30	Persicaria glabra	Polygonaceae	Sheral

Flora Observations

Exotic plantation: Plantation of exotic shrubs for beautification of campus was observed. However some of the species from this exotic variety are weeds like *Lantana* sp having invasive potential. Such species growth should be monitored.

Photo No. 33 In house Nursery



Fauna

A number of different birds have been observed on the campus and the detailed observations are as below.

Table No.2 List of birds in Campus

SN	Common Name	Scientific Name
1	Red Collared Dove (M / F)	<i>Streptopelia tranquebarica</i>
2	Laughing Dove (M / F)	<i>Spilopelia senegalensis</i>
3	Green bee eater	<i>Merops orientalis</i>
4	Red Wattled lapwing	<i>Vanellus indicus</i>
5	Common Tailor Bird (M)	<i>Orthotomus sutorius</i>
6	Purple Sunbird (M/F)	<i>Leptocoma zeylonica</i>
7	Purple Rumped Sunbird	<i>Leptocoma zeylonica</i>
8	Common Myna	<i>Acridotheres tristis</i>
9	Red vented Bulbul	<i>Pycnonotus cafer</i>
10	Red whiskered Bulbul	<i>Pycnonotus jocosus</i>
11	Oriental Magpie Robin (M/F)	<i>Copsychus saularis</i>
12	Indian Robin (M/F)	<i>Saxicoloides fulicatus</i>
13	Ashy Prinia	<i>Prinia socialis</i>
14	Plain Prinia	<i>Prinia inornata</i>
15	Black drongo	<i>Dicrurus macrocerus</i>
16	White breasted kingfisher	<i>Halcyon smyrnensis</i>
17	Common Kungfisher	<i>Alcedo atthis</i>
18	Baya weaver	<i>Ploceus philippinus</i>
19	Crow pheasant	<i>Centropus sinensis</i>
20	Scaly breasted munia	<i>Lonchura punctulata</i>
21	House sparrow	<i>Passer domesticus</i>
22	Pond Heron	<i>Ardeola grayii</i>
23	Jungle Crow	<i>Corvus culminatus</i>
24	Oriental White Eye	<i>Zosterops palpebrosus</i>
25	Common Swift	<i>Apus apus</i>
26	Greater Cormorant	<i>Phalacrocorax carbo</i>
27	Common Coot	<i>Fulica atra</i>
28	Black Crowned Night heron	<i>Nycticorax nycticorax</i>

Insects

A number of different insects have been observed on the campus and the detailed observations are as below.

Table No.3 List of insects

Sr. No.	Common Name	Scientific Name
	Butterflies	
1	Mottled Emigrant	Catopsilia pyranthe
2	Common Crow	Euploea core
3	Common tiger	Danaus genutia
4	Common Pierrot	Castalius rosimon
5	Common grass yellow	Eurema hecabe
6	Lemmon Pancy	Junonia lemonias
	Flies	
1	Ditch Jewell	Brachythemis contaminata (Fam – Libillulidae)
2	Ruddy marsh skimmer	Crocothemis servilia (Fam –Libillulidae)
3	Wandering glider / Common Globe skimmer	Pantala flavescens (Fam – Libillulidae)
4	Crimson marsh glider	Trithemis aurora (Fam – Libillulidae)
5	Slender blue skimmer	Orthetrum luzonicum (Fam –Libillulidae)
	Millipede	
1	Yellow spotted millipede	Harpaphe haydeniana (Fam – Xystodesmidae)

Reptiles

Table No.5 List of reptiles

Sr. No.	Common Name	Scientific Name
1	Common Indian Skink	Lampropholis guichenoti
2	Common garden lizard	Calotes versicolor

Mammals

Table No.6 List of Mammals

Sr.No.	Common Name	Scientific Name
1	Three striped Palm Squirrel	Funambulus palmarum
2	Indian flying fox (Vatavaghul)	Pteropus giganteus



Scarlet marsh glider



Yellow spotted millipede



Common Indian skink



Fejervarya Sp



Ashy Prinia



Common Garden lizard



Common Pierrot



Plain Tiger



Baya Nest colony



Persicaria glabra



Santalum album



Lantana sp

Photo No. 26 Insects and Birds

F. Sanitation management

1. Refreshment Units were all observed clean and neat
2. A small separate dustbin has been kept for disposal of sanitary napkins however they are not labeled depicting 'dustbins for sanitary napkins disposal'

Observations

Regular cleaning of college campus and toilets is done by the cleaning staff. This involves dusting, floor cleaning and toilets cleaning. Garden and parking area is also kept clean.

Cleaning equipment's and washing liquids is provided to the cleaning staff monthly.



Photo No. 34 Safety gears have been provided to cleaning staff



Photo No. 35 A separate bin for sanitary waste disposal

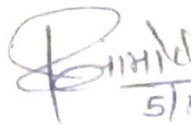
G. Health and Safety Management

1. Fire extinguishers have been installed on each floor. No fire incidents have been reported till now. Students have to be trained for using the extinguisher.
2. Audit team could not get sufficient information about the first aid kit in the respective buildings of the campus. Hence cannot comment on the same.
3. Cleaning staff for girl's toilet reported that they usually get used sanitary napkins in commode. Hence there should be small scale incinerator installed in girl's toilet and girls & cleaning staff should be trained to use the same.

Chapter 3

Green Practices by College Management

1. Boards depicting green messages such as 'Save Every Drop of Water' and 'Keep the Campus Clean and plastic free' are pasted at respective places.
2. Traditional Rain water harvesting practices were adopted in the campus for ground water recharge.
3. Initiative towards carbon neutrality by promoting Electrical bike facility in campus movement. Promoted nonconventional energy source like Solar energy in campus.
4. Leading towards appropriate solid waste segregation and disposal facilities in campus.
5. Installation of sewage treatment plant is an important green initiative.
6. Buildings have sufficient amount of natural light and ventilation.
7. Separate dust bins have been kept for disposal of sanitary napkins. This is a good initiative towards segregation of biomedical synthetic waste. However the bins should be labelled so.
8. Drip irrigation has been installed for watering of plants.
9. Very good cleanliness has been maintained through all the institutional college buildings. Cleaning has been outsourced and rigorous cleaning regime is maintained.


5/5/2024


Chairperson

Internal Eco-Friendly Environment
Committee

Date: 05/05/2021



Awards and Recognitions



नितीन प्रताप काळजे
सा. महापौर
पिंपरी चिंचवड महानगरपालिका
संचालक : पुणे महानगर परिवहन महामंडळ लि.

मनपा : 020-60333333/20824499
विस्तार : 9209/9292
कार्यालय : 020-20820863/20829892
मोबाईल : 9240402900, ऑफिस टेलिफोन : 020-20829892
E-Mail : mayor@pcmcindia.gov.in
nitinkalaje@gmail.com

संपर्क कार्यालय : सर्व्हे नं. 949/8, वडमुखवाडी, अलंकापुरम सोसायटी जवळ, पुणे-आळंदी रोड, पुणे-412104.
निवास : काळजेवाडी, चन्होली बु.।।, ता. हवेली, जि. पुणे-412104. दि.- 16/06/2021

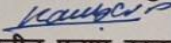
स्वच्छ आणि प्रदूषण मुक्त परिसर पुरस्कार - 2021

अजिंक्य डी वाय पाटील विद्यापीठ, चन्होली बुद्रुक व्हाया लोहगाव, पुणे -412104 यांना त्यांचे रमणीय उद्यान बदल "स्वच्छ आणि हरित परिसर पुरस्कार प्रदान करण्यात येत आहे.

अजिंक्य डी वाय पाटील विद्यापीठाने त्यांच्या सर्वोत्कृष्ट बागकामाची सर्वोत्तम आदर्श निर्माण केला आहे.

हा पुरस्कार संस्थाची उद्याने गटामध्ये विद्यापीठाने बागकामामधील वचनबद्धता सिद्ध करून वेगळा आदर्श निर्माण केला आहे.

रमणीय उद्यान या संकल्पनेस पात्र ठरण्यासाठीचे मूलतः सर्वोत्तम रचना, उत्कृष्ट बागकामाचे प्रदर्शन, आणि रमणीय मांडणी, तसेच सर्व स्तरातील विद्यार्थ्यांना या नाविन्यपूर्ण बागकामाची प्रोत्साहित करणे हे निकष ठेवण्यात आले आहे.

आपला विश्वासु,

नितीन प्रताप काळजे
मा. महापौर विद्यमान नगरसेवक
पिंपरी चिंचवड महानगरपालिका

Recognition Letter by Mayor of PCMC



महाराष्ट्र विधानसभा



महेश किसनराव लांडगे

आमदार, भोसरी विधानसभा

निवास : लांडगे आळी, महादेव मंदिराजवळ, भोसरीगांव, पुणे - ४११ ०३९. मोबा. : ९९२२६०९६६६
ऑफिस : शिल्लबाग कॉम्प्लेक्स, तुळजा भवानी मंदिरा मागे, पुणे-नाशिक रोड, भोसरी, पुणे - ४११०३९. Website: www.maheshlandge.com

जा.क्र. : २४५७

दिनांक : ०२ / ०८ / २०२१

स्वच्छ आणि हरित परिसर पुरस्कार २०२१

स्वच्छ आणि हरित परिसर पुरस्कार, अजिंक्य डी वाय पाटील विद्यापीठ, चव्हेली बुद्रुक व्हाया लोहगाव, पुणे - ४१२१०७ यांस रमणीय उद्यानास बागकामातील सर्वोत्कृष्ट पद्धतीचे अवलंबाबद्दल प्रदान करण्यात येत आहे. प्रधान निरीक्षण समितीने संस्थांची उद्याने या वर्गामध्ये या विद्यापीठाने, बागकामातील सर्वोत्तम पद्धतीचे अवलंबाबरोबर, बागकामातील वचनबद्धता आणि देखणे प्रदर्शन यावरून निवड केली आहे.

या पुरस्कारासाठी करावयाचे निवडीसाठी मूलतः राष्ट्रीय व प्रादेशिक बागकामातील समुदायासाठी हरित परिसरासाठी उत्तम वचनबद्धता तसेच सर्व स्तरातील विद्यार्थ्यांसाठी नाविन्यपूर्ण बागकाम पद्धतीसाठी प्रोत्साहित व प्रेरित करणे आदि निकष तावण्यात आले आहे.

आपला स्नेहांकित,

महेश किसनराव लांडगे

Recognition Letter by MLA Mr. Maheshdada Landge, Bhosari, Pune



3

Green Campus Award by PCMC



Green and Pollution Free Campus Award by MLA Mr. Maheshdada Landge, Bhosari, Pune



"Empowerment through quality technical education"
Dr D Y Patil Educational Enterprises Charitable Trust's

Ajeenkya D Y Patil Group of Institution's Technical Campus
Dr D Y PATIL SCHOOL OF ENGINEERING

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)
AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720
(Accredited by NAAC)

Date: 05/05/2021

Internal Assessment of Campus Environment & Sustainability

Internal Eco-Friendly Environment Committee of **Dr D Y Patil School of Engineering** have done assessment of **Campus Environment & its Sustainability** for the year **2020-21** on Wednesday, 05/05/2021.

The assessment covered the observations with respect to:

- Water resources and management
- Energy resources and management
- Waste generation and management
- Safety management
- General Sanitation
- Biodiversity &
- Adopted Green Practices

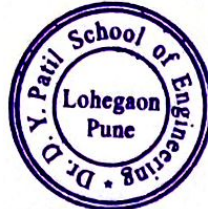
The observations are satisfactory with some Non Compliances and Recommendations are enclosed herewith.

Dr D Y Patil School of Engineering aims to adopt best environmentally sustainable practices in the future.


5/5/21

Chairperson

Internal Eco-Friendly Environment
Committee





Principal
Principal

Dr. D. Y. Patil School of Engineering
Lohegaon, Pune.

Non Compliances and Recommendations

1. Water management

- Harvested rain water should be diverted for bore well recharge
- With appropriate treatment lake water should be recycled for flushing and sweeping purposes.
- To increase rainwater percolation to the ground, percolation closed drains should be made alongside the paved ground area.

2. Waste management

- Adopted composting for garden waste, still required quantification and appropriate practices for waste composting to ascertain recovery of compost from waste management.
- Treated waste water from STP should be used for flushing and cleaning purposes.
- Discarded furniture, wires etc should be audited and handed over to scrap dealer.
- If discarded furniture etc. has to be stored, it should be stored properly in an area labeled as "Scrap yard"
- Students should be given an induction program about waste management at the time of orientation.
- Disposable thermocol plates which are non bio-degradable, should not be used for college events. As events are regular in the college, use of washable steel plates or biodegradable leaf plates (Patrawali) would be a green sustainable practice.
- Sufficient dustbins were kept for dry waste. They should be labelled separately for paper and plastic as both can be recycled.

3. Sanitation management

- Doormats should be put on toilet doors to avoid rooms getting dust and muck
- Separate bins kept for disposal of sanitary napkins should be labelled.
- Number of bins should be increased and placed at different places.



4. Health and safety management

- Safety sign boards need to be displayed along with mock drill.
- Drinking water filters should be kept away from the toilets.
- The staff and students should be trained to use the fire extinguisher.
- The emergency exits should be directed in the building in case of mishaps.
- Display SOP of Fire safety equipment's at appropriate places

5. Biodiversity

- Plantation of exotic shrubs for beautification of campus was observed. However some of the species from this exotic variety are weeds and may dominate over the growth of local varieties.
- Policy of using native trees for campus landscaping should be established. Native trees host variety of birds, insects and will support the other native species to grow. Plantation of indigenous trees having a large canopy spread may also shade the area keeping it comparatively cool.
- The institutions campus has rich faunal diversity, especially birds. To maintain and increase this diversity of birds and insects native fruiting and flowering trees should be planted.
- The water body that has been created during excavation of a small piece of land in the campus for construction has become a beautiful lake site. This water body should be maintained as it hosts some of the water birds and also gives the coolant effect to the campus.

6. Other recommendations

- Green Roofs: College has a huge roof top area. Composted garden waste can be utilized for greening roofs. Roofs can be utilized for growing fruits and vegetables. This will not only provide food, aesthetic value but also will have cooling effect.

