

7.1.3



7.1.3 (QnM)

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

Options:

- A. All of the above
 - B. Any 3 of the above
 - C. Any 2 of the above
 - D. Any 1 of the above
 - E. None of the above
- File Description (Upload) •
Upload supporting document



7.1.3

1. Green Audit

A. Certificate

Sr. No.	Green Audit	Year
1	Certificate	2021-22
2	Certificate	2021-20
3	Certificate	2020-19
4	Certificate	2019-18
5	Certificate	2018-17

B. Report

Sr. No.	Green Audit	Year
1	Report	2021-22
2	Report	2021-20
3	Report	2020-19
4	Report	2019-18
5	Report	2018-17

7.1.3

2. Energy Audit.

A. Certificate

Sr. No.	Energy Audit	Year
1	Certificate	2021-22
2	Certificate	2021-20
3	Certificate	2020-19
4	Certificate	2019-18
5	Certificate	2018-17

B. Report

Sr. No.	Energy Audit	Year
1	Report	2021-22
2	Report	2021-20
3	Report	2020-19
4	Report	2019-18
5	Report	2018-17

7.1.3

Green Audit

Certificate

2021-22



CERTIFICATE
ENERFUTURE TECHNOLOGY PRIVATE LIMITED
Verified and Certified that

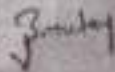


Kayat Shikshan Sansatha's
Dr. Babasaheb Ambedkar Mahavidyalaya

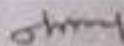
KS. Sarkar Wada, Ward No. 18, Aundh Gaon, Pune - 411067

www.dbaac20.edu.in | dbaacollege@gmail.com

has carried out
Green & Environment Audit
as per guidelines laid down in the
Indian Standards and Codes
in 2021-22.



Vinay Mulay
M.Tech (Energy Studies)
Certified Energy Auditor
BEE, EA-10853
Lead Auditor, ISO-50001



Chetan Nemade
M.Tech (Energy Studies),
LLB, ADIS
Certified Energy Manager
BEE, EA-22697



Yogesh Kuwar
M.Tech (Energy Studies), PGDELP
Certified Energy Manager
BEE, EA-33078
IGBCTM AP, AA02EEK7



www.enerfuture.com



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Green Audit

Report

2021-22



GREEN (ENVIRONMENT) AUDIT REPORT

RAYAT SHIKSHAN SANSTHA'S



DR BABASHAEB AMBEDKAR MAHAVIDYALAYA

85, Sarkar Wada, Ward No: 8

Audh Gaon, Pune-411 067, Maharashtra

Phone No: 020 25466271/73

E-mail Id: bdbacollege@gmail.com

Website: <https://www.dbacap.edu.in/>

Conducted and Submitted by



ENERFUTURE TECHNOLOGY PRIVATE LIMITED

301, Above Ekbote Hospital,

Revenue Colony, J.M.Road,

Pune-411005

Website: <http://www.ienerfuture.com>

E-mail: info@ienerfuture.com

Telephone: +91- 9960041642, 9405065597


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Audh Gaon, Pune-411067



ACKNOWLEDGEMENT AND CONCEPT

Enerfuture Technology thanks the management of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune for assigning this important work of Green Audit of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune

Green audit is defined as a formal examination of practices adopted and their effects on the environment, by an organization. It is also widely known as Environmental Audit.

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 accepts that their environment performance should be scrutinized to understand its impact and to take remedial measures to lessen it.

Environmental auditing is used to:

1. Investigate
2. Understand and
3. 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 environment auditor studies an organization's environment effects in a systematic and documented manner and produces an environmental audit report.

Green audit for an educational institution mainly examines the following systems

1. Renewable/ green energy usage
2. Water management
3. Biodiversity
4. Health and safety management
5. Sanitation management
6. Adopted Green practices



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

Contribution of college's team is equally important in this venture. Team of technical experts from Enerfuture Technology Private Limited is grateful to all the following personnel of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune for their kind cooperation, furnishing required data, analysis report and support offered during our visit.

Name	Designation
Dr. Arun Andhale	Principal
Dr Ramesh Randive	Vice-Principal
Dr Rajendra Rasakar	Assistant Professor
Prof Sushilkumar Gujar	Assistant Professor
Dr Savita Patil	IQAC Coordinator

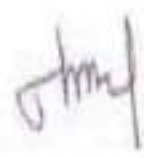
We are also thankful to the other staff members who were actively involved while taking measurements and conducting field study.

STUDY TEAM

Sr No	Name	Qualification
1	Mr. Chetan Nemade	M.Tech (Energy Studies), Advance Diploma in Industrial Safety (ADIS), LLB(pursuing), BEE Certified Energy Manager
2	Mr Vinay Mulay	M.Tech (Energy Studies), ISO 50001 Lead Auditor, BEE Accredited Energy Auditor
3	Mr Swapnil Gaikwad	M.Tech (Energy Studies), ISO 50001 Lead Auditor, BEE Certified Energy Auditor
4	Mr Yogeshkuwar	M.Tech (Energy Studies), IGBC, Post Graduate Diploma in Environmental law and Policy (PGDELP), BEE Certified Energy Manager
5	Mr Swapnil bedre	BE Mechanical

LIST OF INSTRUMENTS USED

1. Lux meter (Meco)
2. TDS meter
3. CO2 meter
4. Air quality measure meter
5. Sound dB meter

**PRINCIPAL****Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.**



CONTENTS

EXECUCIVE SUMMARY	8
COLLEGE INTRODUCTION	11
INTRODUCTION.....	11
SILENT FEATURES OF THE COLLEGE.....	12
MISSION	12
VISSION	12
OBJECTIVES	13
LOCATION.....	14
RENEWABLE ENERGY SYSTEMS.....	15
1. SOLAR PHOTOVOLTAIC SYSTEM- ELECTRICAL ENERGY GENERATION.....	15
OBSERVATION.....	15
EXISTING SOLAR PV SYSTEM IN COLLEGE PREMISES.....	15
PROPOSED SOLAR PV SYSTEM IN COLLEGE PREMISES.....	17
2. SOLAR WATER HEATING SYSTEM- HOT WATER GENERATION.....	20
OBSERVATION.....	20
WASTE MANAGEMENT SYSTEMS	22
1. COMPOSTING.....	22
OBSERVATION.....	22
2. BIO-GAS GENERATION	24
OBSERVATION.....	24
RECOMMENDATION	24
SAVINGS MEASURES	25
SAVINGS DUE TO BIO GAS PLANT.....	25
WATER QUALITY AND MANAGEMENT SYSTEMS.....	26
1. TDS LEVEL OF WATER.....	26



[Signature]
PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



INTRODUCTION	26
OBSERVATION	27
OBSERVATION	27
2. RAIN WATER HARVESTING- COLLEGE PREMISES	28
OBSERVATION	28
3. WATER TAP REDUCER	29
OBSERVATION	29
RECOMMENDATION	29
AIR QUALITY	30
INTRODUCTION	30
OBSERVATION	31
SOUND COMFORT/QUALITY	37
INTRODUCTION	37
OBSERVATION	38
DAY LIGHT ILLUMINATION/COMFORT	41
INTRODUCTION	41
OBSERVATION	41
HEALTH AND SAFETY MANAGEMENT AND INFRASTRUCTURE	45
1. COLLEGE INFRASTRUCTURE	45
INTRODUCTION	45
OBSERVATION	45
ASSESSMENT OF COLLEGE CAMPUS BUILDING INFRASTRUCTURE	46
2. HEALTH AND SAFETY MANAGEMENT	47
OBSERVATION	47
GENERAL RECOMMENDATIONS	54
NO VEHICLE DAY INITIATIVE	55

[Signature]
PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





OBSERVATION.....	55
RECOMMENDATION	57
OTHER ENERGY EFFICIENT, GREEN, HEALTH, WASTE PRACTICES BY THE COLLEGE MANAGEMENT ...	58
1. SOLID WASTE MANAGEMENT (SCRAPS LIKE PLASTIC, PAPER ETC)/ E- WASTE MANAGEMENT/ CLEANILNESS DRIVE/CAMPAIGN	58
INTRODUCTION.....	58
E-WASTE MANAGEMNT.....	58
OBSERVATION.....	59
2. TREE PLANTATION, SOIL CONSERVATION ETC.....	63
INTRODUCTION.....	63
OSERVATION	63
3. ENERGY EFFICIENT TECHNIUES.....	65
INTRODUCTION.....	65
OSERVATION	65
REFERENCES AND STANDARDS.....	67



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





EXECUTIVE SUMMARY

Sr No	Location	Area	Objective/Purpose	Recommendation/Status
1	College building	Solar Photovoltaic System- 5kWp	To generate electrical energy by renewable sources and reduce the CO2 emissions	Implemented
2	Girl's hostel building	Solar Photovoltaic System- 15kWp	To generate electrical energy by renewable sources and reduce the CO2 emissions	Implemented
3	College campus	Composting	Reduces the landfill pollution and greenhouse gases reduction. Also produce bio-fertiliser compost to trees in the college campus	Implemented
4	All buildings of college	Tap water reducers	To save the water	Can be implement
		Hands free water tap system	This saves the water and also good for personal health protection to avoid frequent hand touching to water taps.	Can be implement
5	College buildings	Rain water harvesting	Save water. Increases the groundwater recharge.	Implemented

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



6	College buildings/campus	Air Comfort/ Quality	Air quality for human being comfort	Aspirational
7	College buildings/campus	Sound Comfort/ Quality	Sound quality or comfort for human being comfort	Within permissible limits
8	College buildings/campus	Daylight Comfort/Illumination	Daylight illumination for human being comfort	Within permissible limits
9	College buildings/campus	Health and Safety Management	Electrical safety- electrical wiring, connections etc	Need to be improve
			Electrical safety- unwanted materials are placed in electrical panel rooms	Need to be remove
			Fire safety- number of fire extinguishers are placed in college campus	Good
			Fire safety- Regularly maintenance of fire extinguishers.	Good
			Unwanted material placed in college campus	Need to place properly
10	College buildings/campus	No vehicle day	Save the conventional fuel and reduces the CO2 emissions.	Implement on each 1t of every week
11	College buildings/campus	Waste management- E-waste	Reduce the CO2 emissions by recycling of solid waste. Also Save environment from hazardous materials.	Implemented by signing MOU with E-waste management company and doing regular drives




PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



12	College buildings/campus	Waste management- Solid waste	Reduce the CO2 emissions by recycling of solid waste	Regularly implemented and maintained every month.
15	College buildings/campus	Tree plantation/ Green belt cover	To increase the forest cover. Reduce the Air, Noise pollution, reduce CO2 emissions etc	Regularly implemented every year
16	College buildings/campus	Cleanliness drive and awareness campaign or poster competitions etc	Swatch Bharat Mission (SBM), Swatch Bharat Abhiyan (SBA), or Clean India Mission etc initiative by college	Regularly conducted by college
17	College buildings/campus	Plastic free campaign	Save environment from non-recycling and hazardous materials.	Taken regular drive n subject
18	College buildings/campus	Energy efficient or Innovative techniques	LED lightings, Motion sensor lightings, VRV system for cooling purpose, directions of windows etc	Good initiative




PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



COLLEGE INTRODUCTION

INTRODUCTION



Rayat Shikshan Sanstha Satara

"Education through self-help is our motto."

This college is a grant-in-aid institution affiliated to Savitribai Phule Pune University. It has been established in 1983 and included under sections 2(f) and 12(B) of the UGC Act and has been receiving grants regularly. College is re-accredited with B++ Grade with CGPA of 2.76 by NAAC in 2017. The college offers courses like B.A., B.Com, B.B.A.(Computer Application), B. Voc.(Retail Marketing and Management) M.A. Economics, M.A. Marathi and M. Com. Along with academic programs college also offers two COC and twenty seven skill and job oriented courses. The college has received several grants for Major and Minor Research projects from UGC and Savitribai Phule Pune University. The College also pays equal attention to faculty improvement and research. College has well qualified and research oriented faculty out of 13 permanent faculty, eight are with Ph.D. and two with M.Phil. and three are doing Ph.D. Almost all faculty members have completed major or minor research projects. College has organized 27 seminars and conference and 47 workshops. Several support services are provided to the students like ladies hostel, NSS, sports, YCMOU, cultural unit etc. Several support services are provided to the students like ladies hostel, NSS, sports, YCMOU, cultural unit etc. The college also publishes its annual magazine 'Aksharkumaya', wall paper 'Aksharrang', hand written 'Vanijyavishwa' and 'Arthvishwa', book reviews and Newsletters. Majority of the students are from rural and slum area. They belong to economically and socially backward classes. To cop up with the new atmosphere, we organize orientation remedial, special guidance scheme, bridge courses, counselling and computer courses for students. College was

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



awarded with Karmveer Paritoshik by Rayat Shikshan Sanstha, Jaggnath Rathi award for extension activities by Savitribai Phule Pune University, Savitribai Phule Best Sanstha by Rashtriya Bandhuta Parishad.

SILENT FEATURES OF THE COLLEGE

- A Branch of Rayat Shikshan Sanstha which was founded by a great visionary Padmabhushan Dr. Karmveer Bhaurao Patil.
- Affiliated to Savitribai Phule Pune University, Pune.
- Accredited by NAAC with 'B++' Grade with CGPA of 2.76 by NAAC in 2017.
- Best college Award by Rayat Shikshan Sanstha.
- NSS Best College Unit Award by SPPU.
- Jaggnath Rathi Award for social awareness by Savitribai Phule Pune University, Pune.
- Adequate infrastructure with spacious classroom.
- Language Laboratory.
- Commerce Laboratory.
- Computer Laboratory.
- Adequate IT infrastructure.
- Well qualified and dedicated teaching faculty.
- Twenty-seven skill and job-oriented courses.
- Excellent organization seminars and workshops.
- Competitive Examination Guidance Centre.
- Banking Examination guidance Centre.
- Police Pre-recruitment Training Centre.
- Ladies hostel facility.
- Automated Library with library website and Institutional Repository for e-collection.
- National players.
- Good Research culture.

MISSION

We are committed to educate educationally, socially and economically backward people and bring about a positive change among them and thereby serve the nation.

VISSION

To impart quality education too socially, economically and educationally downtrodden through self-help and bring them in the main stream of the nation.


PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





OBJECTIVES

- To generate physically, spiritually and academically sound, young, properly motivated graduates who know the importance of social and civil responsibilities.
- To develop the overall personality of students.
- Education through self-help and dignity of labour
- To educate socially and economically backward students.
- To promote women education.
- To promote the research activities.
- To have interaction with the society through co-curricular activities to acquaint the basic needs and problems.



PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





LOCATION



[Handwritten Signature]

Principal
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



RENEWABLE ENERGY SYSTEMS

1. SOLAR PHOTOVOLTAIC SYSTEM- ELECTRICAL ENERGY GENERATION


OBSERVATION

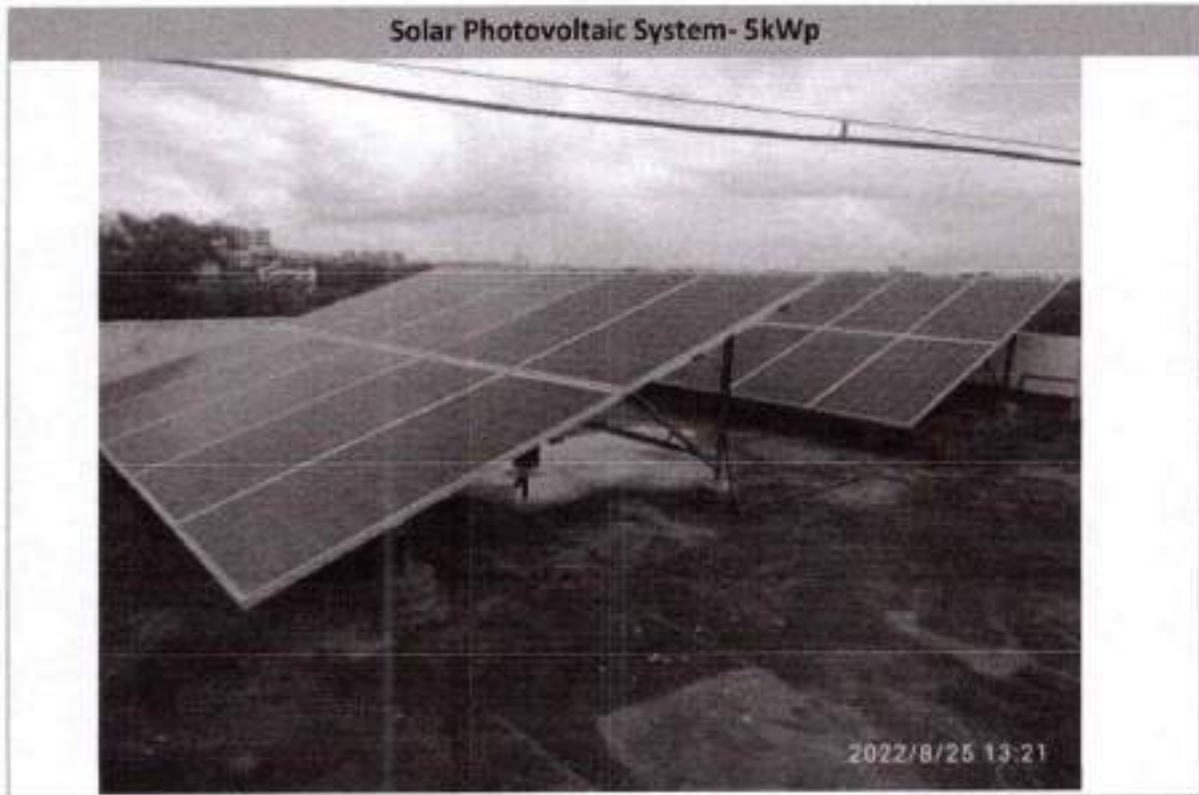
1. In college premises, there are two Solar Photovoltaic Systems are installed for the purpose of kWh units generation
2. Total capacity of Solar Photovoltaic System is 15kWp and 5kWp respectively.
3. Current average energy consumption of the college is 1600 kWh per month.
4. College still has huge rooftop space available for Solar PV system to expand up to 14kWp

EXISTING SOLAR PV SYSTEM IN COLLEGE PREMISES

Solar Photovoltaic System- 15kWp




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Existing Solar PV system		
Total capacity of Solar PV system	20	kWp
Units generation per month	2250	kWh/month
Units generation per year	27000	kWh/year
CO2 emission reduction/year	22.95	tonnes of CO2e

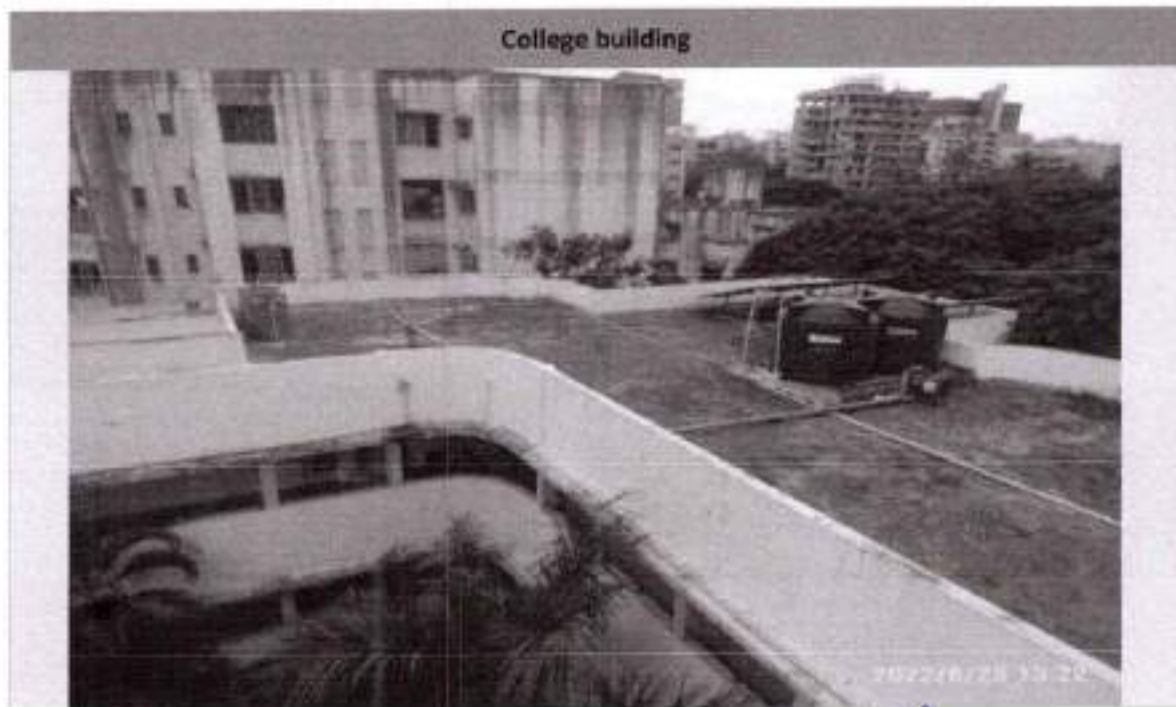
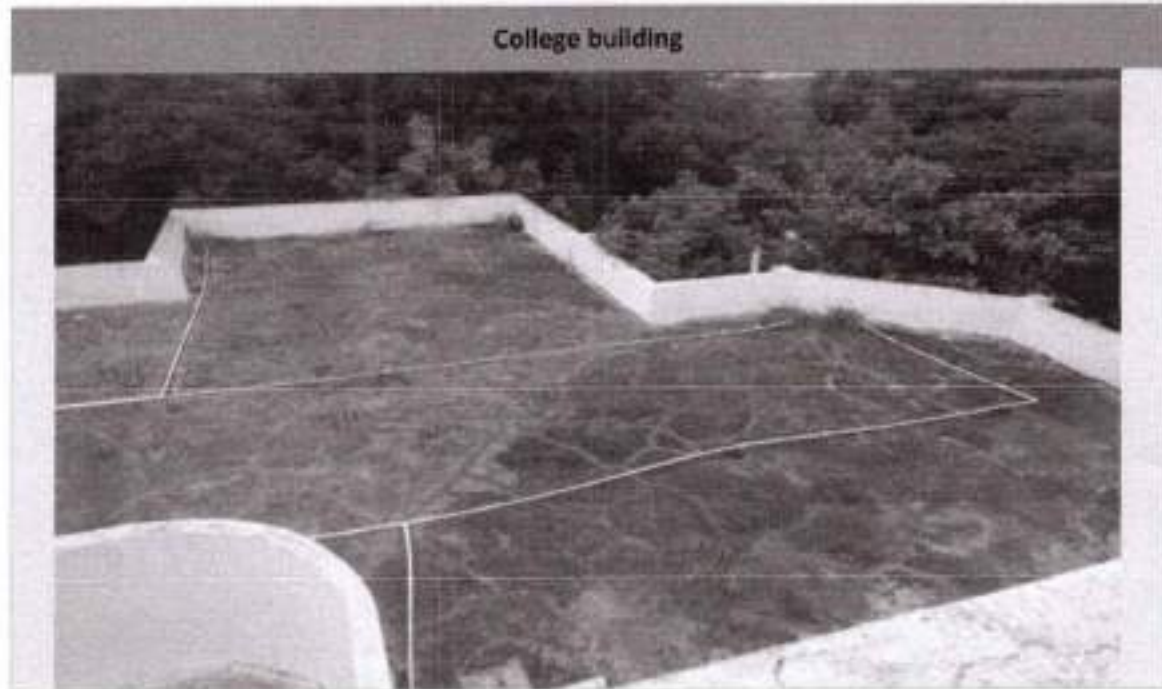


PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



PROPOSED SOLAR PV SYSTEM IN COLLEGE PREMISES



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.






Handwritten signature

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Savings due to Solar PV system additional			
Total Rooftop space available- approximate	2857	sqfoot	
Average energy consumption of main college building	1600	kWh/month	
Total capacity of Solar PV system can be installed	14	kWp	
Total solar unit generation	1575	kWh/month	
Average electricity unit rate	11.16	INR/kWh	
Total cost of Solar PV system	630000	INR	
Total saving	17577	INR/month	
Payback period	35.84	months	
Payback period	2.99	year	
CO2 emission reduction/year	16.07	tonnes of CO2e	


PRINCIPAL

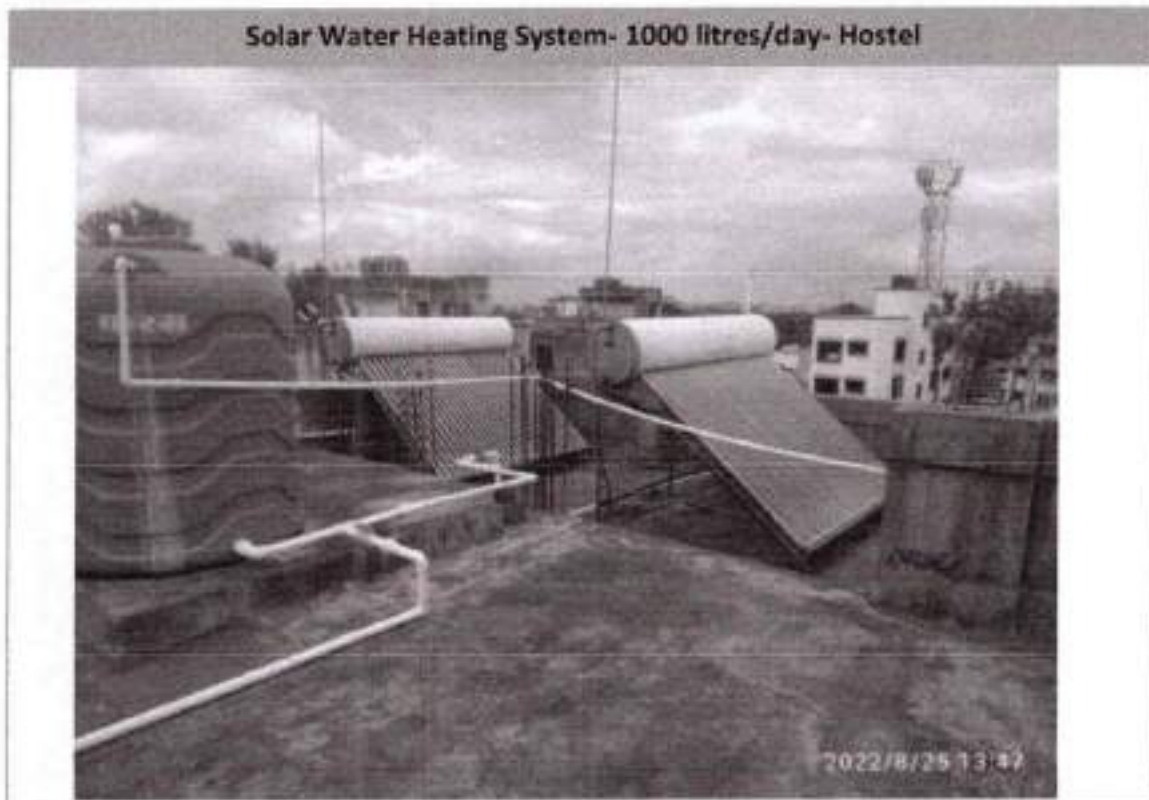
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



2. SOLAR WATER HEATING SYSTEM- HOT WATER GENERATION

OBSERVATION

1. In Girl's hostel, there is Solar Water Heating system is installed for the purpose of water heating instead of electric heaters.
2. Total capacity of Solar Water Heating system is 1000 litres/day.
3. Auxiliary heaters are not used in solar water heating system in the morning.



PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



Solar water heater saving			
Particulars			
Hot water temperature	60	deg C	
Cold water temperature	25	deg C	
Temperature difference(delta T)	35	deg C	
Volume of water	1000	lit	
Volumetric flow	1000	lit/day	
Hot water temperature	60	deg C	
Enthalpy of cold water	25.04	kcal/kg	
Enthalpy of Hot water	60	kcal/kg	
Enthalpy difference	34.96	kcal/kg	
Amount of heat used	34960	kcal	
Power used for heating	40.65	kW	
Monthly kWh	1239.86	kWh/month	
Saving kWh	1239.86	kWh/month	
Saving kWh	14878.33	kWh/year	
Saving INR	15175.89	INR/month	
CO2 emission reduction/year	12.65	tonnes of CO2e	


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.

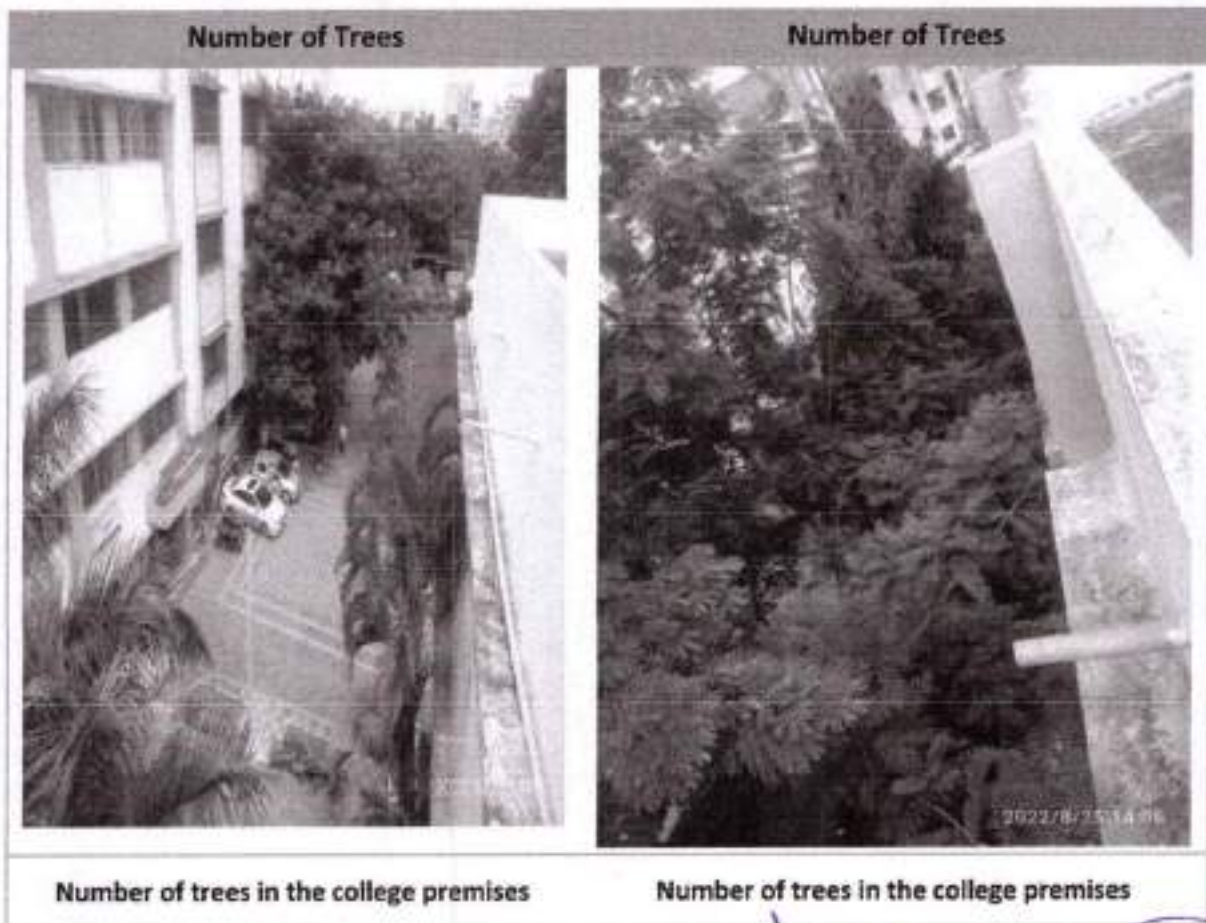


WASTE MANAGEMENT SYSTEMS

1. COMPOSTING

OBSERVATION

1. In college premises there are number of trees are planted by college management.
2. College also maintain every tree in the premises.
3. There is substantial amount of waste of tree leaves, shrubs are generated in the college premises.
4. In existing college have compost pits to generate compost from these generated waste.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Number of Trees



Number of trees in the college premises

Number of Trees



Number of trees in the college premises

Compost pits



Compost pits in college premises

Compost pits



Compost pits in college premises

PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



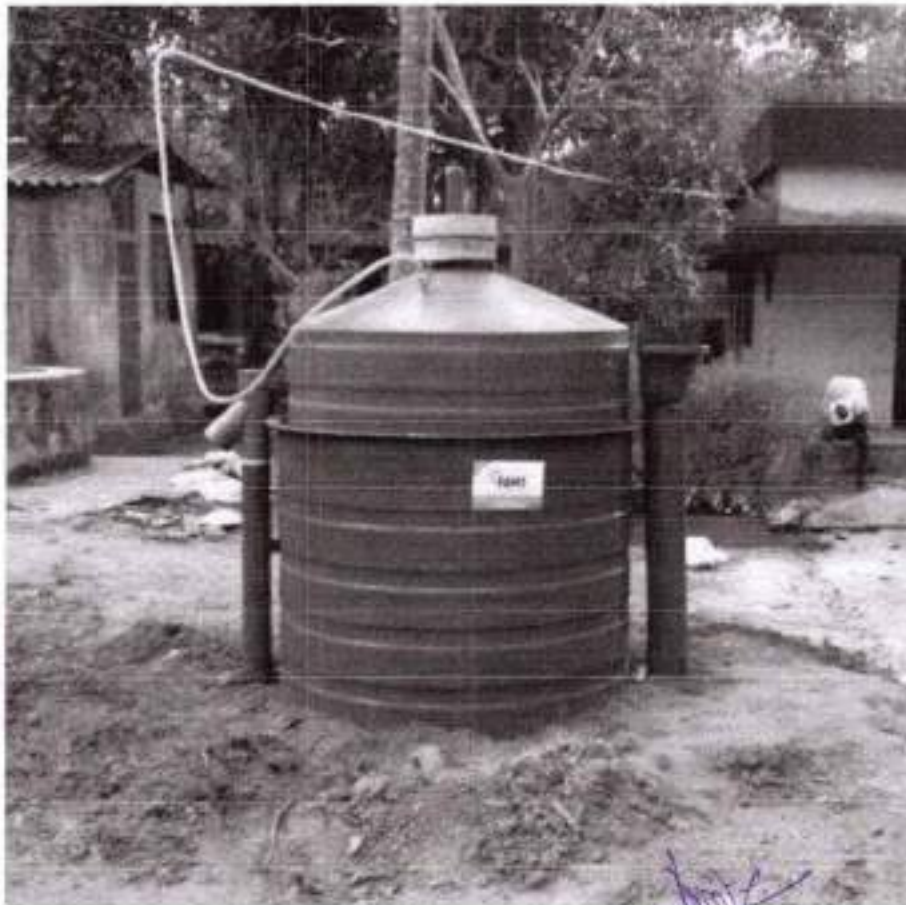
2. BIO-GAS GENERATION

OBSERVATION

1. In the college canteen approximately 10kg kitchen waste is generated daily.
2. Currently there is no any bio gas plant for generation of bio gas in the college.

RECOMMENDATION

1. It is recommended that installed the small capacity of bio gas plant at college canteen and girl's hostel for production of bio gas from kitchen waste generated daily.
2. Produced bio gas can be used for small purposes in the canteen instead of LPG which saves monthly approximate 1 cylinder of INR 1,500/-




PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



SAVINGS MEASURES

SAVINGS DUE TO BIO GAS PLANT

Saving due to Bio gas plant			
Capacity of bio gas plant	10	kg/day	
Waste generated	10	kg/day	
Approximate bio gas generation	1	m ³ /day	
Approximate bio gas generation	30	m ³ /month	
Equivalent LPG gas saved	12	kg/month	
Approximate LPG cylinder saved	1.0	nos	
Cost saved	1500.00	INR/month	



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



WATER QUALITY AND MANAGEMENT SYSTEMS

1. TDS LEVEL OF WATER

INTRODUCTION

The water we drink contains essential salts and minerals like calcium, potassium and magnesium, besides hydrogen and oxygen.

These minerals make up the acceptable levels of TDS (Total Dissolved Solids). Besides, these minerals, the source water contains heavy impurities like arsenic, antimony, lead, iron, etc. It also includes carbonates, fluorides, sulphides and other salts picked along the way. These contaminants enhance the TDS levels to unacceptable levels.

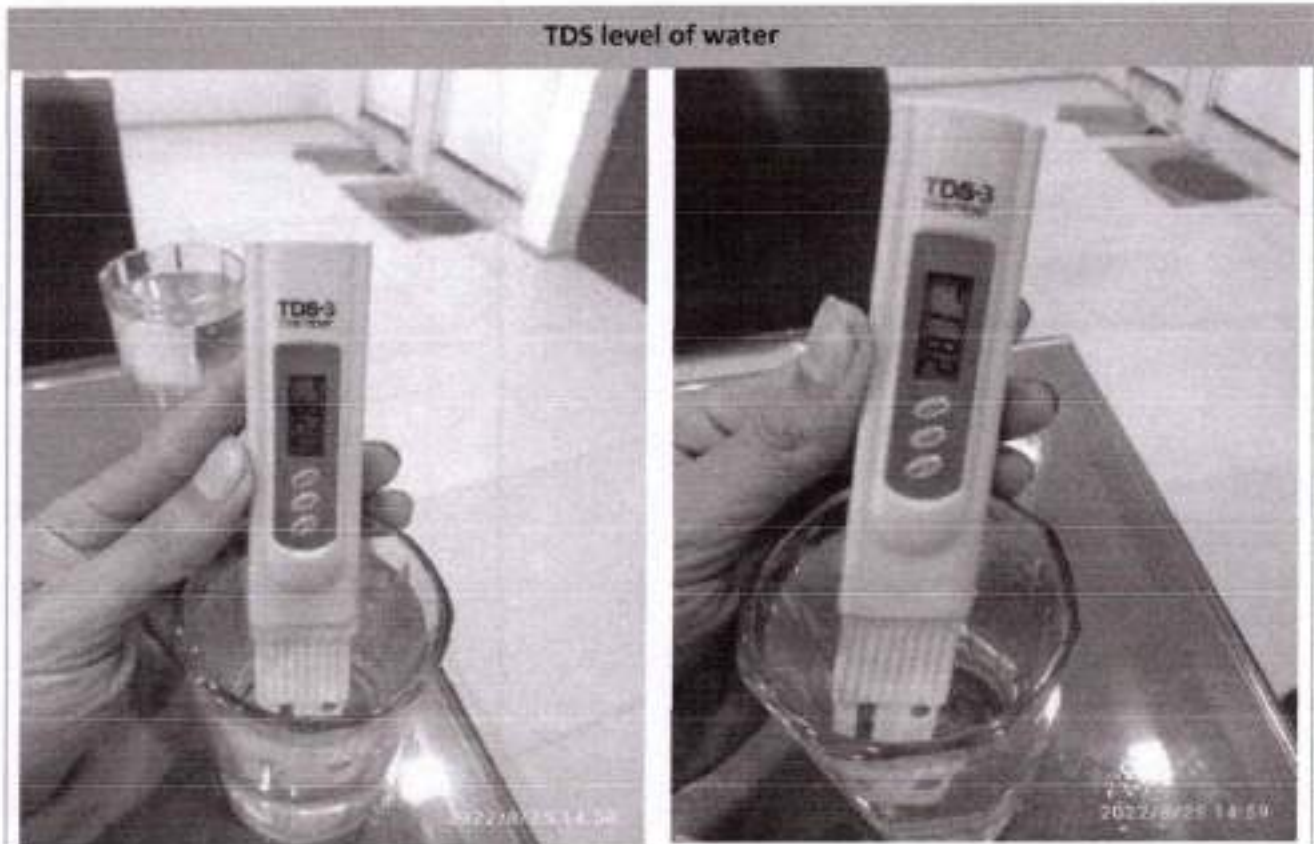
BIS (Bureau of Indian Standards) determines the TDS acceptability levels in drinking water. In India, drinking water can contain TDS up to 500 ppm. BIS has constituted the following table that could clarify the matters further.

TDS level (PPM)		Reasons for acceptability or non-acceptance
less than 50	Unacceptable	The water with these TDS level does not contain the minerals required for healthy growth
50 - 150	Acceptable	Such TDS levels are usually due to minor industrial contamination
150 - 250	Acceptable	BIS considers water with this TDS levels as the healthiest of all because it is excellent for cardiovascular health
250 - 350	Acceptable	Many areas in India depends on groundwater or bore wells for their water requirements. This water contains essential minerals hence is in acceptance range
350 - 500	Fair	The maximum TDS levels acceptable for human consumption is 500
above 500 - 1200	Not Acceptable	BIS does not recommend any TDS level above 500 as fit for human consumption. However, water with TDS levels up to 1200 can be subjected to purification using Reverse Osmosis(RO) technology to eliminate TDS and bring it down to acceptable levels


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.

OBSERVATION

1. Drinking water requirement of college is fulfilled by PMC (Pune Municipal Corporation) water.
2. Domestic water requirement of college is fulfilled by well in the college.
3. UV system is installed in the college for purification of well water.
4. TDS level of drinking water and domestic water as





Drinking water	Domestic water
v- Not Acceptable	v- Acceptable

	TDS	Acceptability
	ppm	
Drinking water	28	Not Acceptable
Domestic water	281	Acceptable

OBSERVATION

It is recommended that mixed small % ground water (after detailed water analysis) in drinking water to maintained TDS of drinking water above 50 ppm.


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.

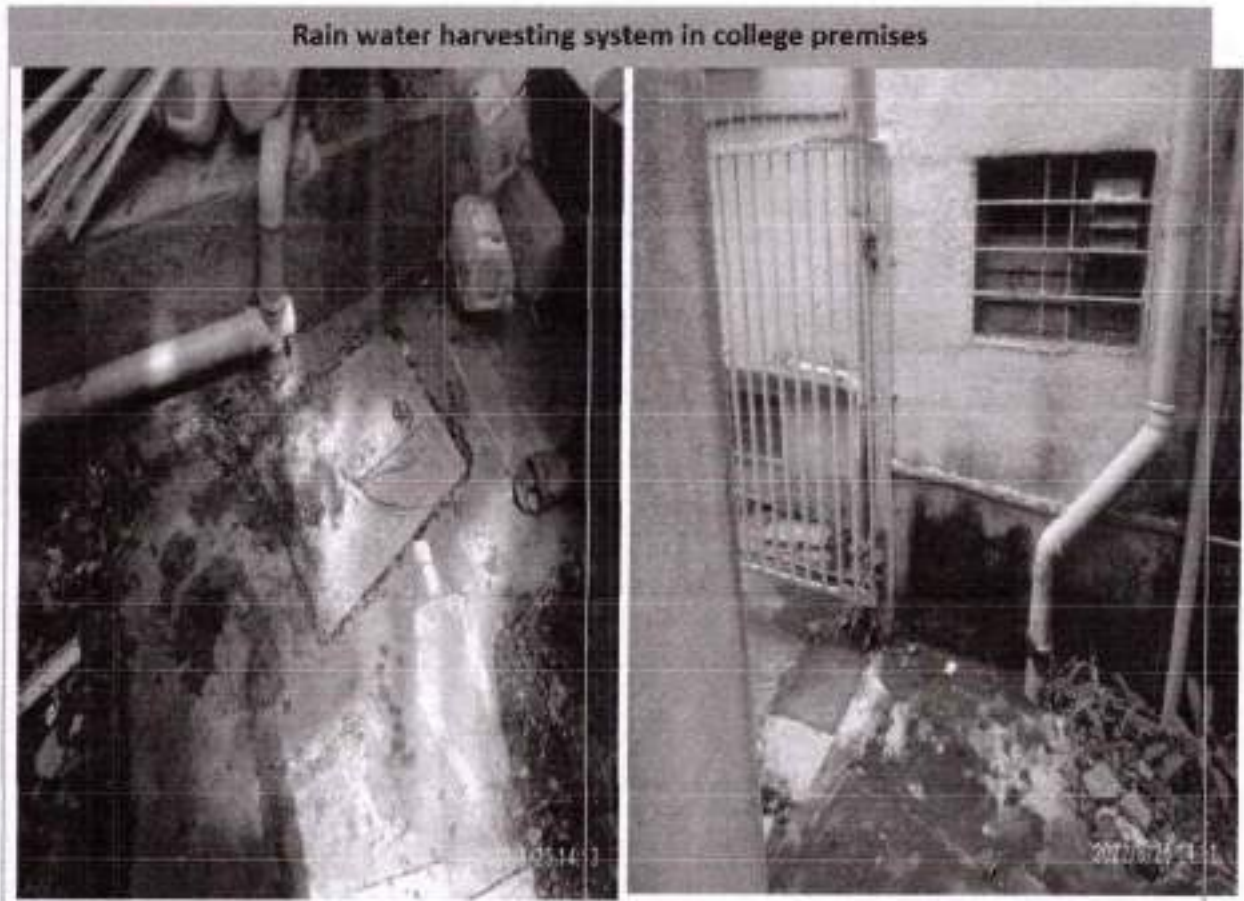




2. RAIN WATER HARVESTING- COLLEGE PREMISES

OBSERVATION

1. College have number of rain water recharge pits in the college premises to increase the groundwater recharge.
2. College also has taken initiative to expand rain water harvesting system.







[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67,



3. WATER TAP REDUCER


OBSERVATION

1. College has conventional water tap system in the area like bathrooms, toilets etc.
2. Conventional water tap system consumes or requires more water for the purpose of washings, cleanings etc.

Conventional Tap water system	Tap water system with Reducer
	
<p>Existing tap water system uses more water while during purpose of washing of utensils, hands etc in college.</p>	<p>Used reducer to tap water for purpose of washing of utensils, hands etc which reduces flow of water and ultimately saves the water.</p>
	

RECOMMENDATION

It is recommended that use the water reducer for water taping system. This helps saving the volume of water and subsequently energy cost of pumping also.


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.

AIR QUALITY

INTRODUCTION

Indoor air is considered to be healthy when the air does not contain contamination in harmful concentrations and is acceptable when the majority of people feel satisfied. A human being breathes about 12,000 litres of air every day and is vital for our health. Exposure to hazardous airborne agents present in indoor space causes adverse effects such as respiratory and cardiovascular diseases, allergy and irritation of the respiratory tract and possibly leads to cancer.

Main source of indoor air pollutants are from outdoor air, household cooking (especially cooking with biomass or frying), tobacco smoking, polluted ambient air, cleaning agents, resuspension of dust during the cleaning activities, construction materials and paints, copy machines and printers as well as other human activities. Ambient air pollutant sources are vehicle emissions, thermal power plants, biomass burnings, construction work, unattended debris, open sewage pipes, fossil fuel based power generation and various industrial processes etc.

Threshold values for indoor air quality parameters				
Parameters	Classification			
	Class A	Class B	Class C	
Level	Aspirational	Acceptable	Marginally acceptable	
CO ₂	Ambient+350	Ambient+500	Ambient+700	ppm
PM _{2.5}	<15	<25	<25	ppm
PM ₁₀	<50	<100	<100	ppm
HCHO	30			ppm
TVOC	<200	<400	<500	ppm
Occupational satisfaction	90	80	-	%


PRINCIPAL

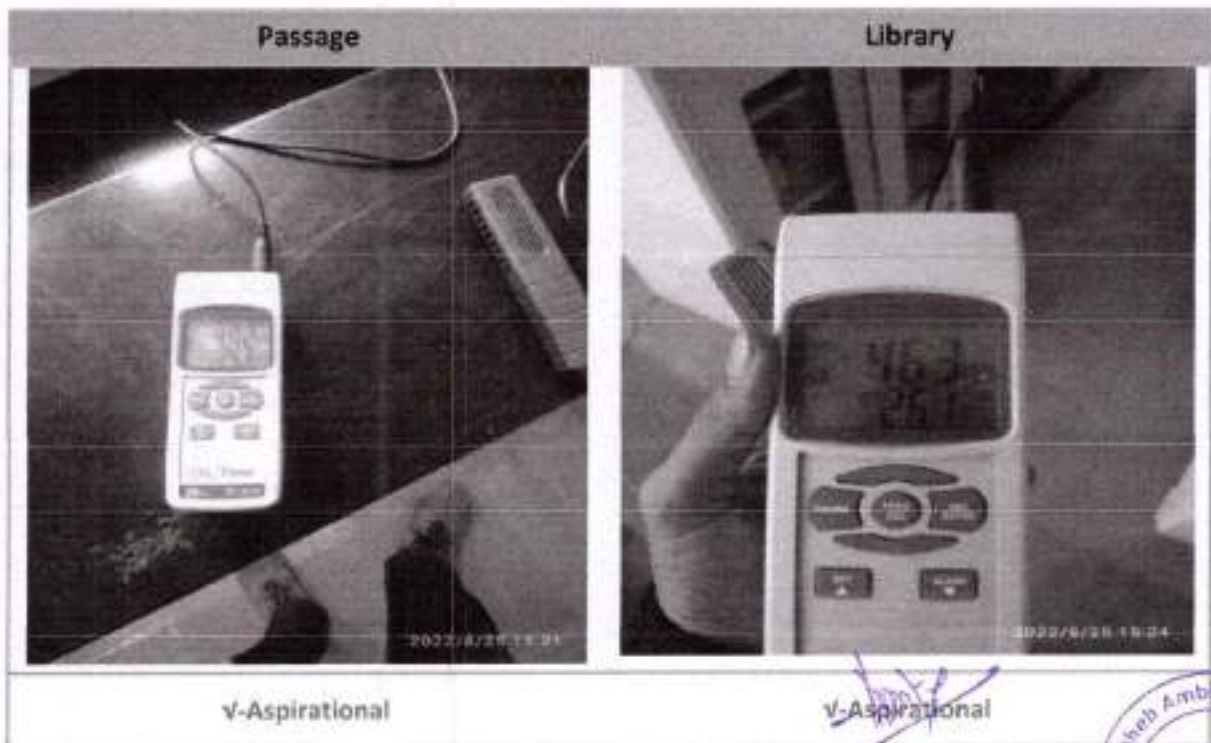
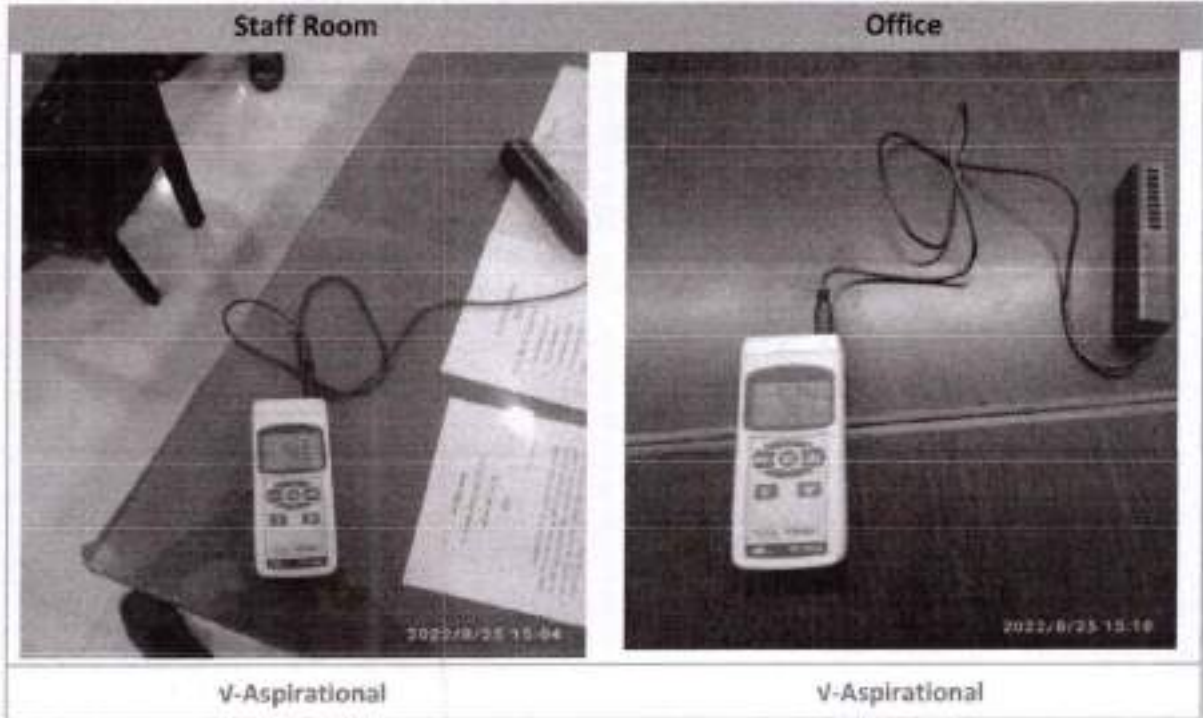
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





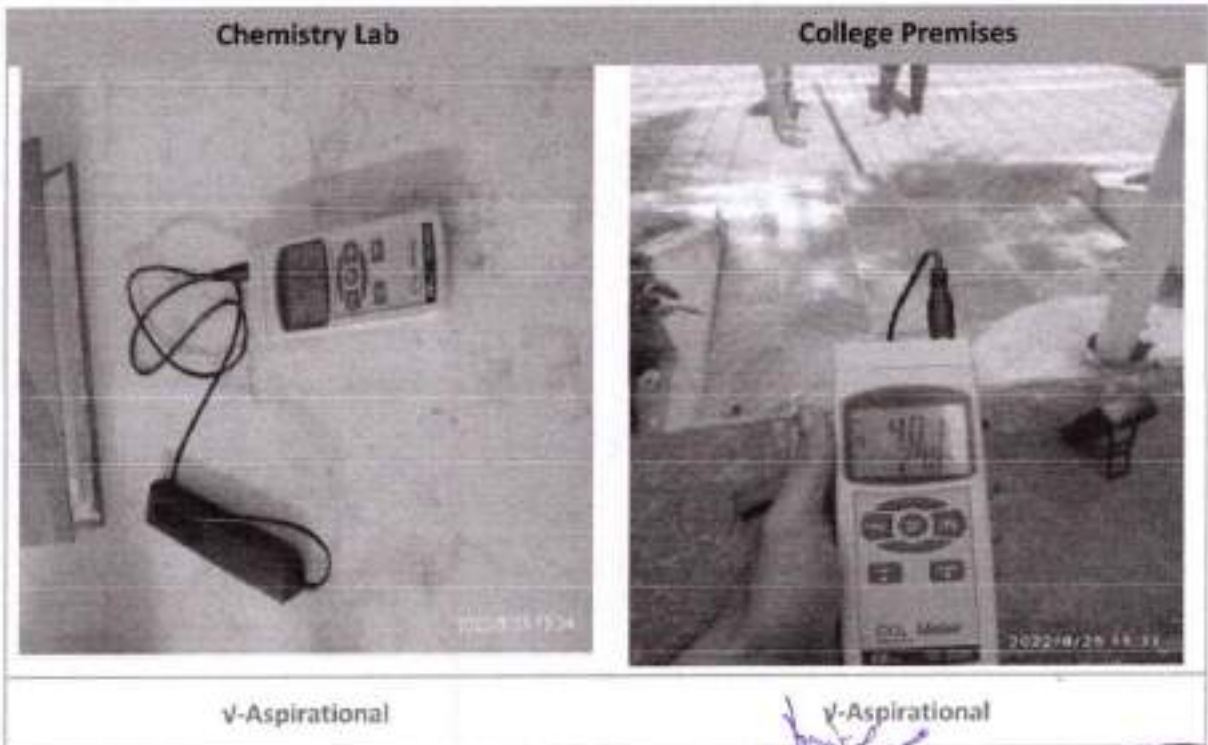
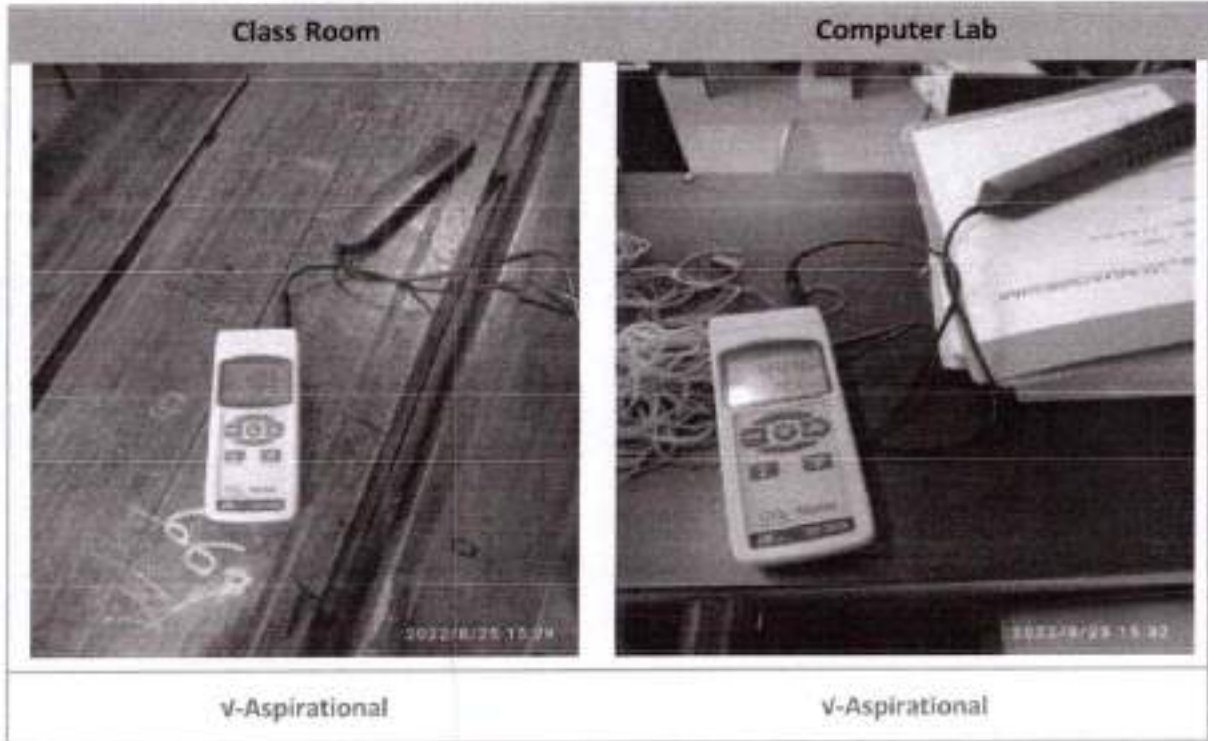
OBSERVATION


1. In college air quality is at good/ aspirational level.

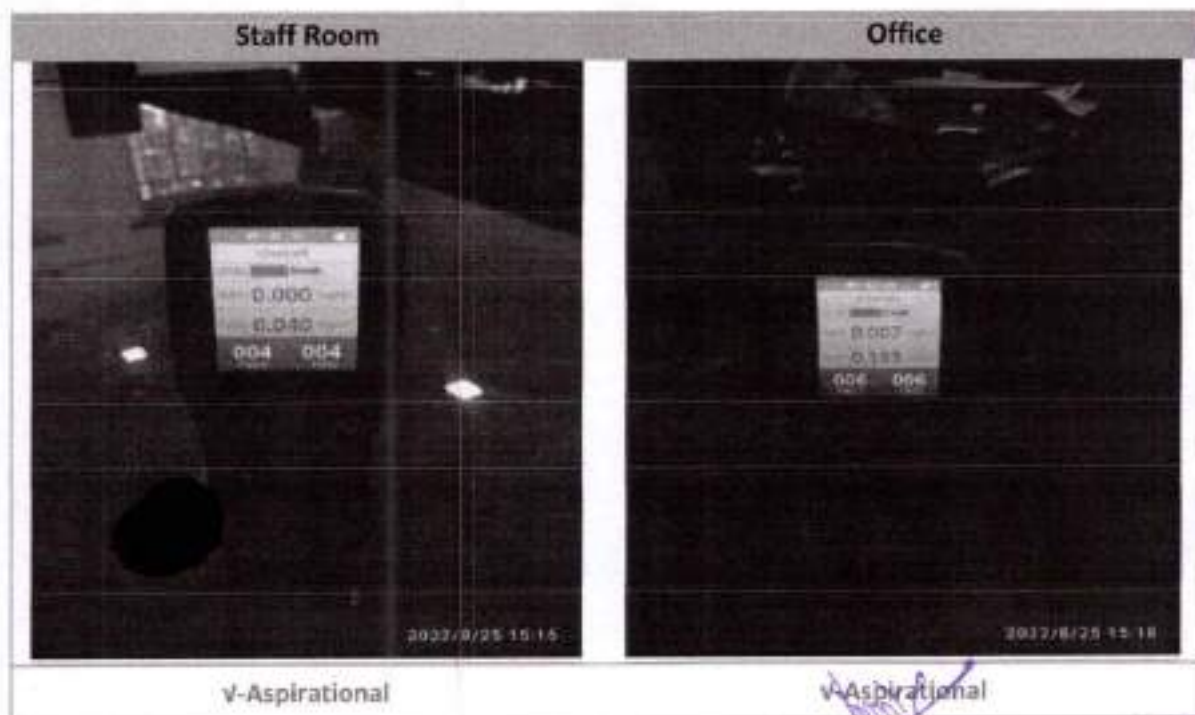
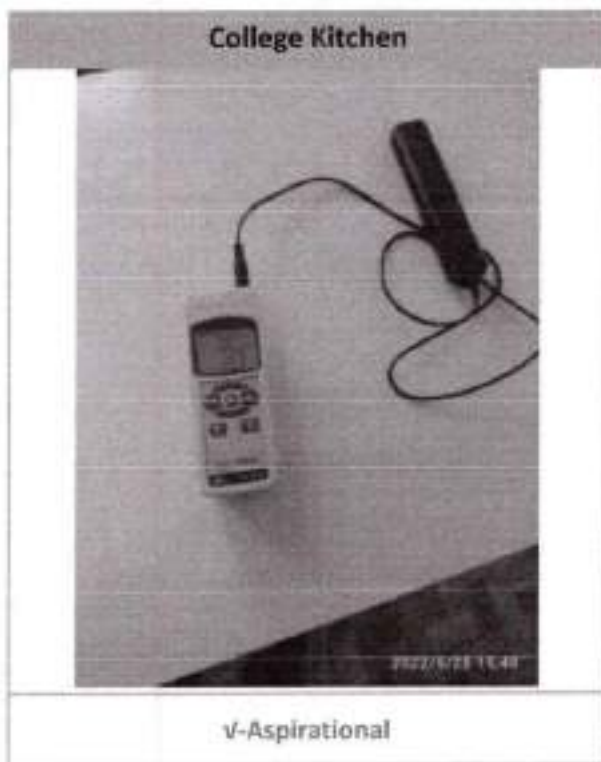


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



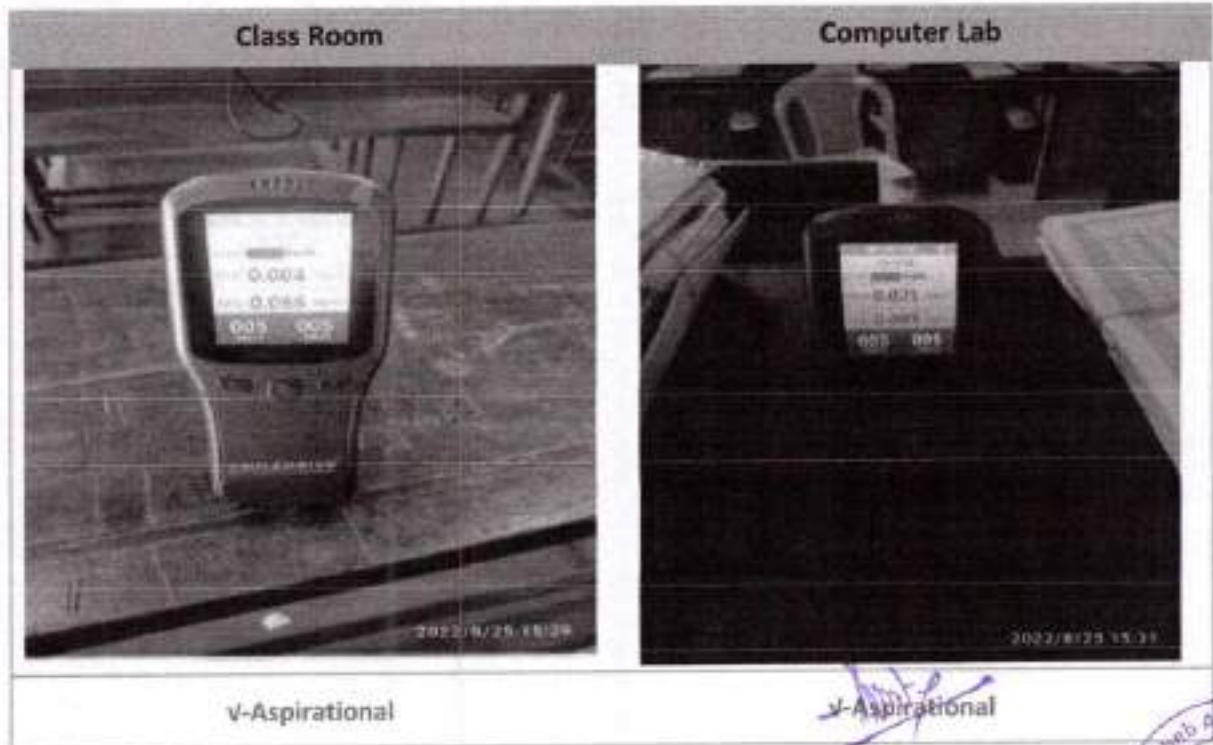
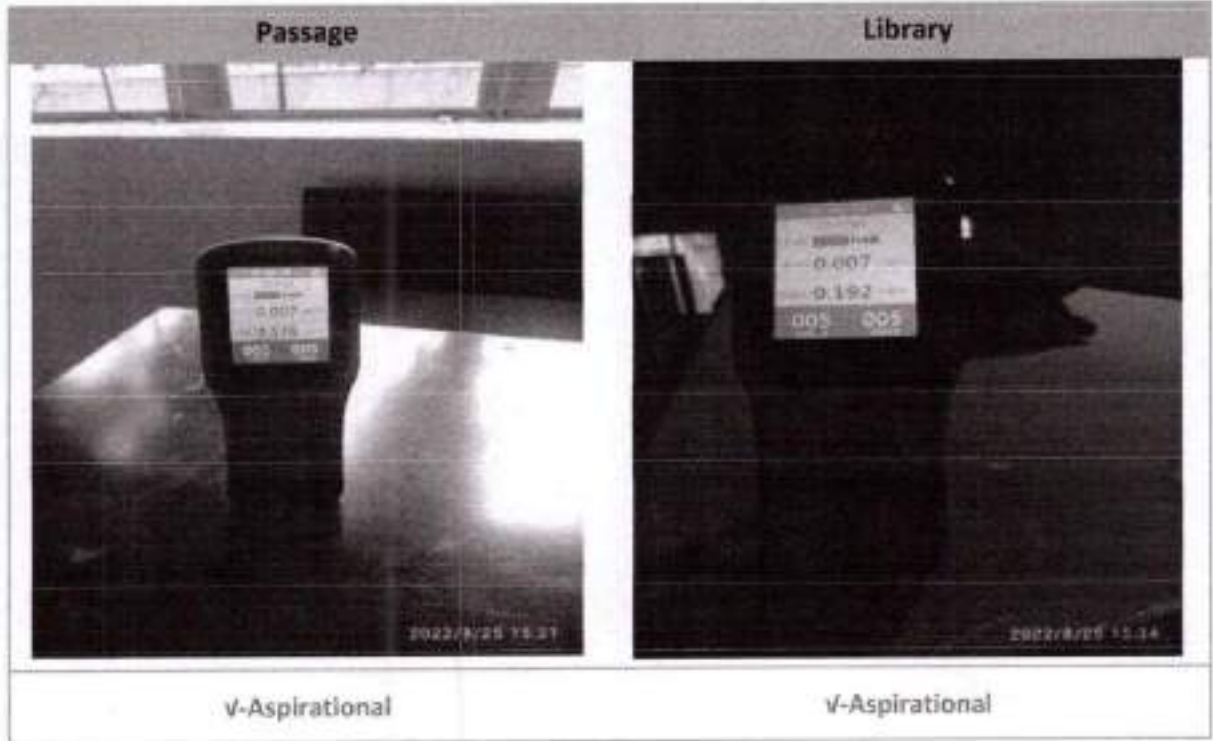



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



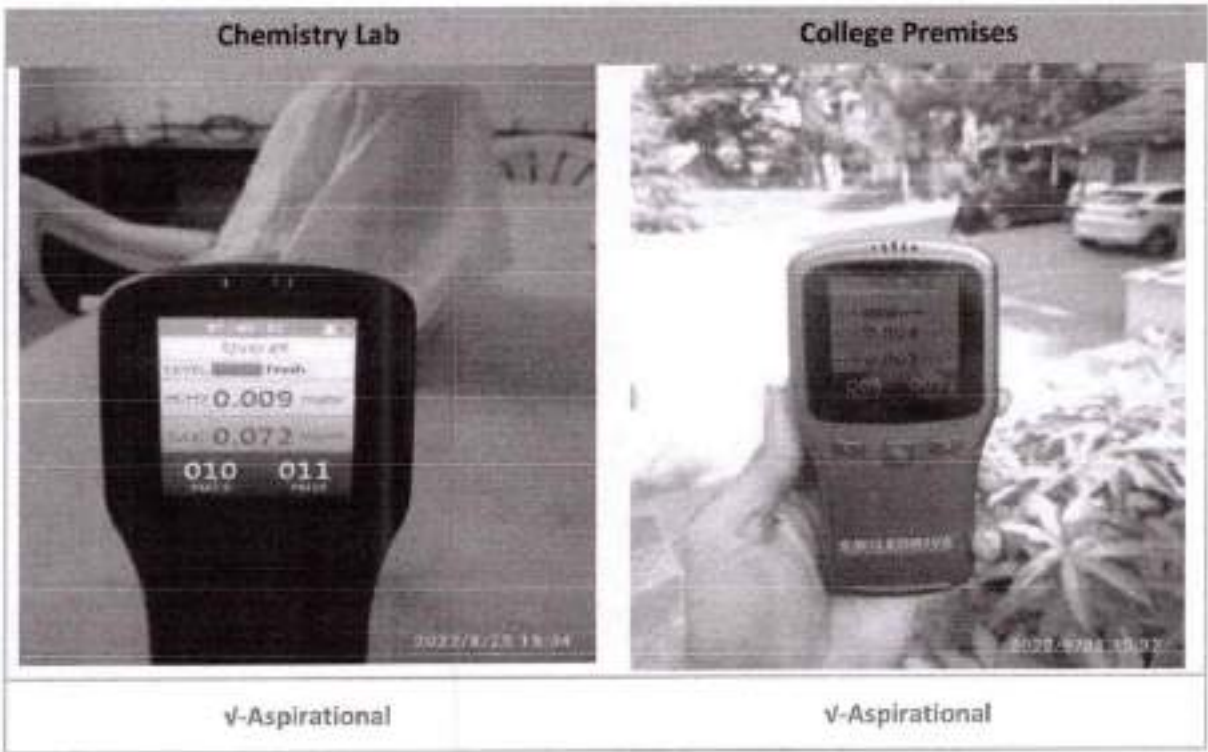
PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





[Handwritten Signature]

PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Location	CO2 ppm	PM2.5 ppm	PM10 ppm	HCHO ppm	TVOC ppm	Level
Staff Room	446	4	4	0	40	Aspirational
Office	524	6	6	7	183	Aspirational
Passage	472	5	5	7	178	Aspirational
Library	463	5	5	7	192	Aspirational
Class Room	409	5	5	4	66	Aspirational
Computer Lab	444	5	5	21	85	Aspirational
Chemistry Lab	482	10	11	9	72	Aspirational
College Premises	401	5	5	4	1	Aspirational
College Kitchen	380	5	5	7	3	Aspirational



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



SOUND COMFORT/QUALITY

INTRODUCTION

Noise is unwanted sound. Ambient noise is all encompassing noise associated with any given environment and is usually a composite of sounds from many sources near and far. Any abnormal sound which irritates human being is called as noise pollution.

Noise is one of the undesirable products of technological civilization. Admits this civilization wherever we go, noise surrounds us. The roar of traffic, the passage of trains and aeroplanes, the bustle of crowds and the working of industry and the public utilities deafens our ears. Even home is invaded by noise. The noise from whatever source it comes from is undoubtedly, physiologically as well as psychologically harmful. Invading environment in dangerous proportions, it is an invisible but insidious form of pollutant Noise as a potentially harmful pollutant is being recognised as a great nuisance these days affecting the quality of the particularly, in urban areas.

The Environment (Protection) Act, 1986, under Sec. 6 has mentioned "Rules to regulate environment (Protection) Act, 1986, under Sec. 6 has mentioned "Rules to regulate environmental pollution". This section has explained the maximum allowable limits of concentrations of various environmental pollutants (including noise) for different areas.

Air quality standards in respect of Noise			
Area code	Category of Area/ Zone	Limits/Levels	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence zone	50	40




PRINCIPAL



Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





OBSERVATION

Staff Room	Office
	
v-within permissible limits	v-within permissible limits

Passage	Library
	
v-within permissible limits	v-within permissible limits


PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





Class Room



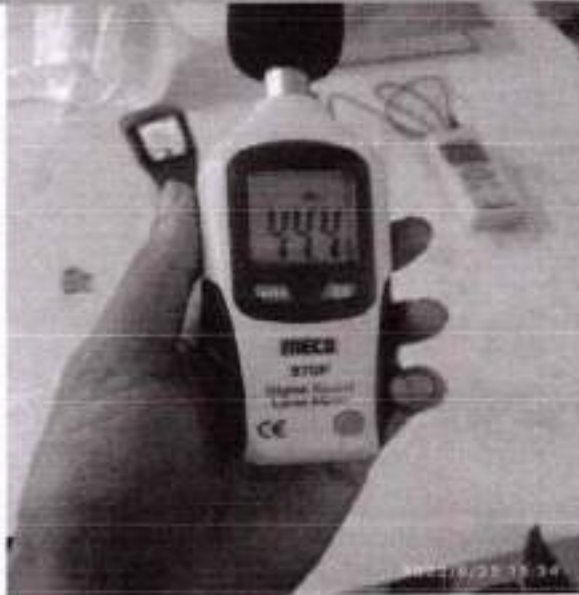
v-within permissible limits

Computer Lab



v-within permissible limits

Chemistry Lab



v-within permissible limits

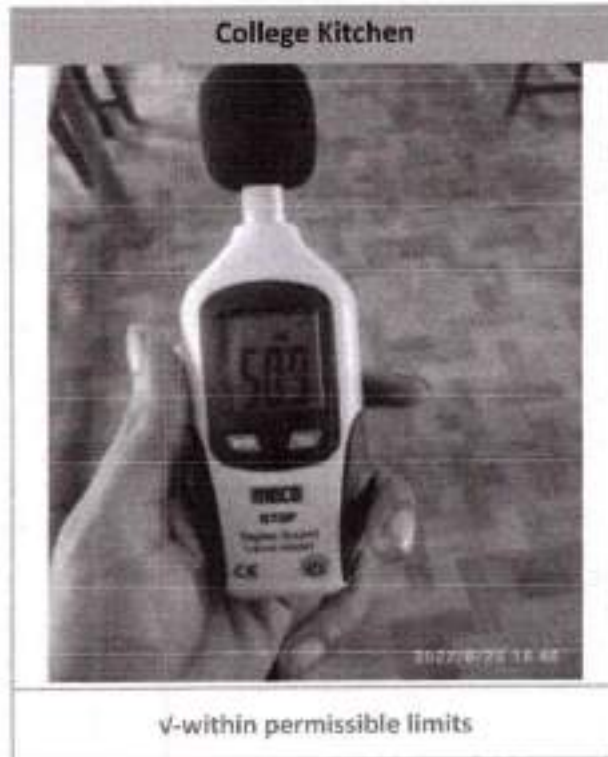
College Premises




v-within permissible limits


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Location	Limits	Limits/Levels
	dB	
Staff Room	64.8	Within permissible limits
Office	59.7	Within permissible limits
Passage	57.7	Within permissible limits
Library	61.8	Within permissible limits
Class Room	50	Within permissible limits
Computer Lab	49	Within permissible limits
Chemistry Lab	44.4	Within permissible limits
College Premises	53.4	Within permissible limits
College Kitchen	50.9	Within permissible limits


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



DAY LIGHT ILLUMINATION/COMFORT

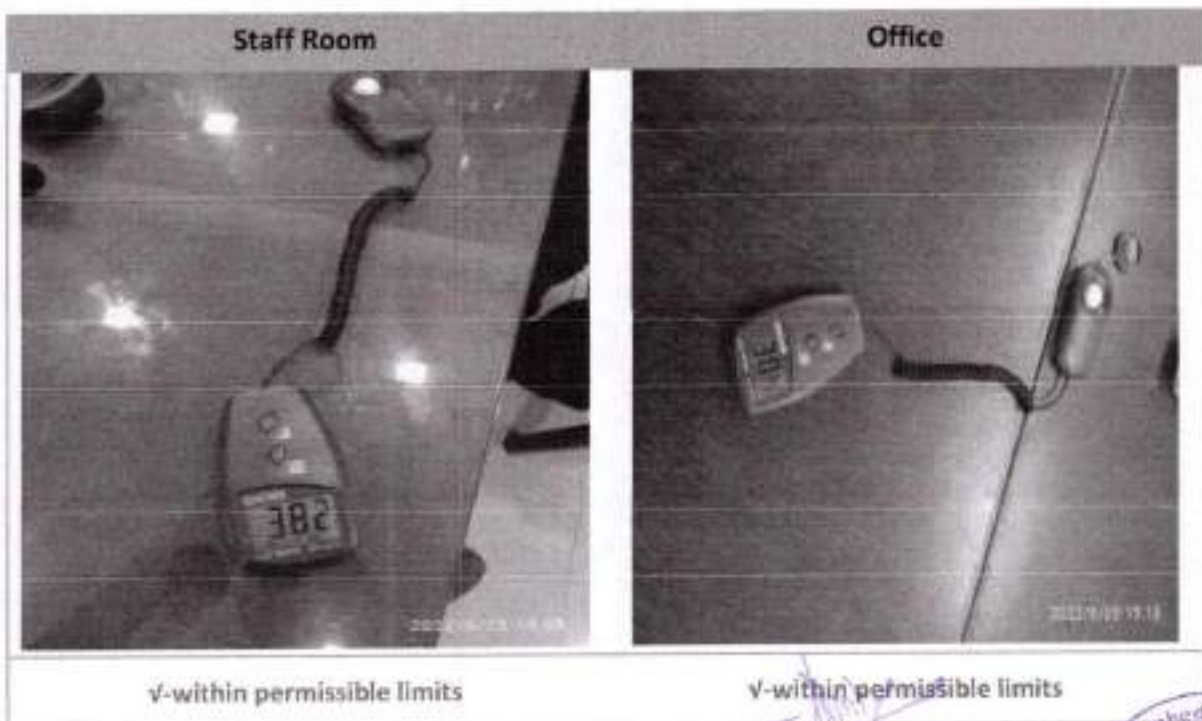
INTRODUCTION

Light has significant impact on many body functions, including the nervous system, circadian rhythms, pituitary gland, endocrine system, pineal gland and alertness as these are affected by different wavelengths of light.

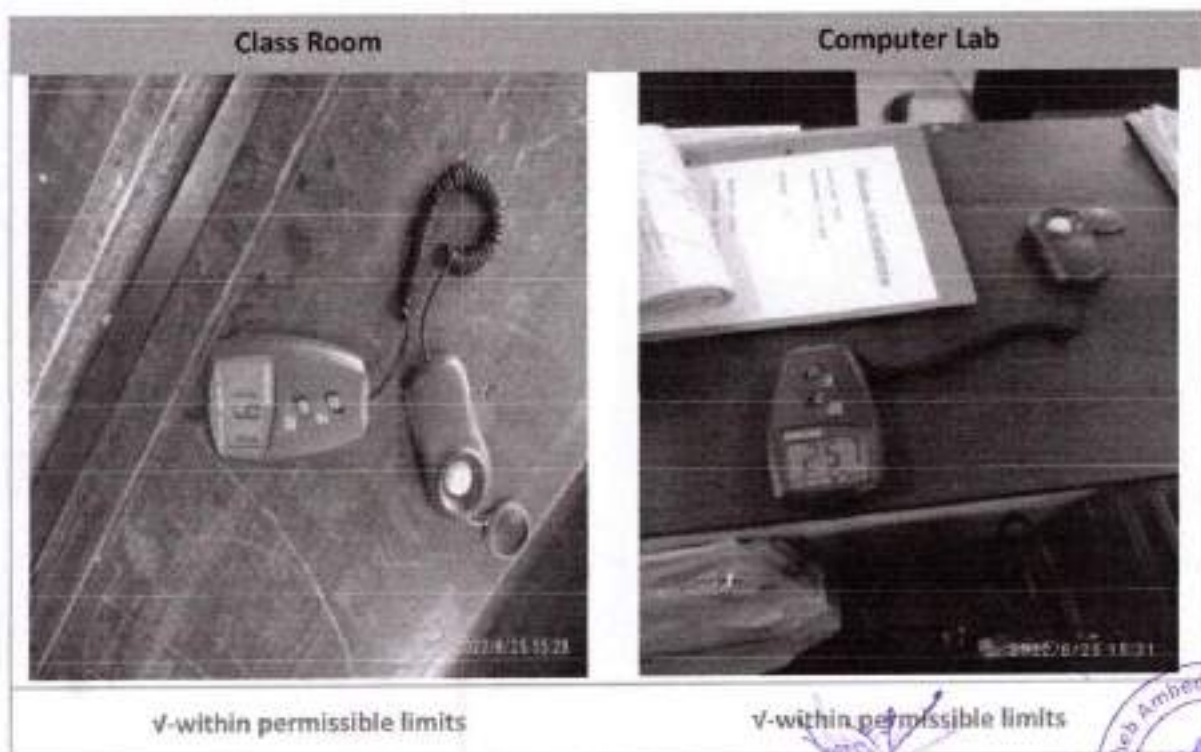
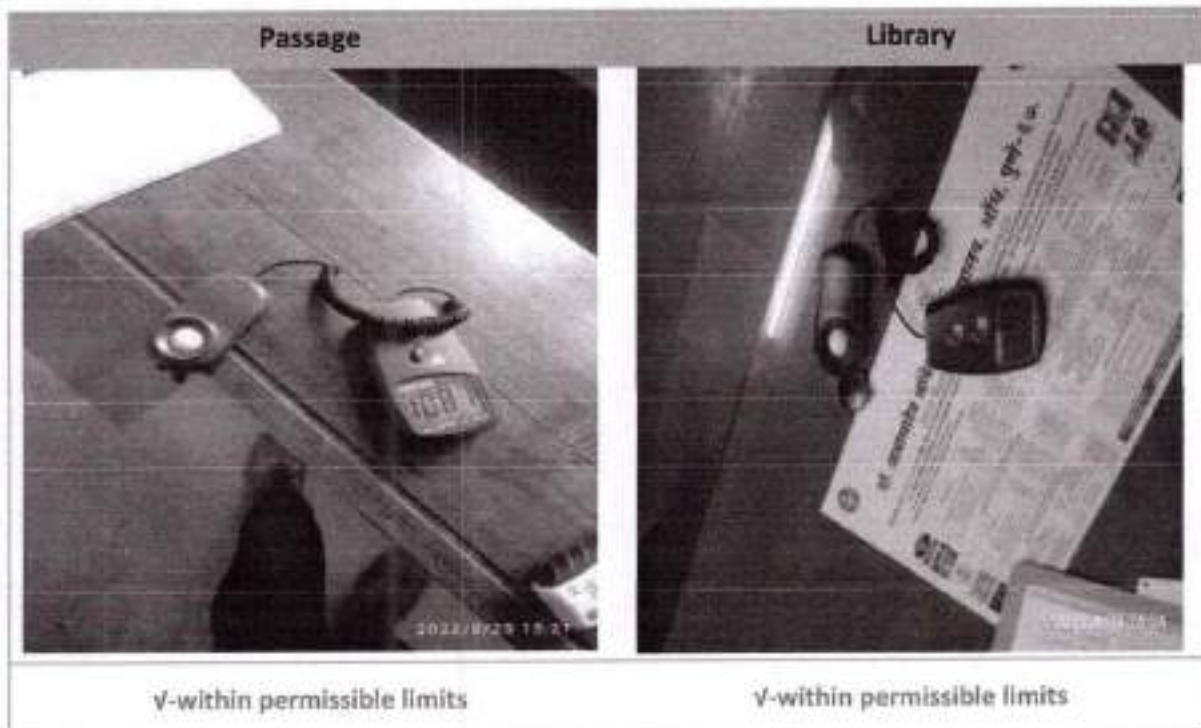
Variations over time in lighting conditions, in terms of intensity, illumination levels, distribution, ambient lighting and colour temperature, can stimulate alertness and well-being of people.

Threshold IL luminance level		
Building type	Type of space	IL luminance
		Lux
Schools	Classrooms	500
	Corridors	100
	Teachers rooms	300
	Libraries	500
	Offices	300


OBSERVATION



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Chemistry Lab	College Premises
 <p>2022/08/25 15:41</p>	<p>NA</p>
<p>-</p>	<p>v-within permissible limits</p>

College Kitchen
 <p>2022/8/25 15:49</p>
<p>v-within permissible limits</p>


PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





Location	IL luminance	Limits/Levels
	lumens	
Staff Room	*382	Within permissible limits
Office	*304	Within permissible limits
Passage	*1087	Within permissible limits
Library	*257	Within permissible limits
Class Room	*191	Within permissible limits
Computer Lab	*257	Within permissible limits
Chemistry Lab	*153	Within permissible limits
College Premises	-	Within permissible limits
College Kitchen	*85	Within permissible limits

[Signature]
PRINCIPAL

Dr. Babasaheb Ambedkar College, Aundh, Pune-67.



**HEALTH AND SAFETY MANAGEMENT AND INFRASTRUCTURE****1. COLLEGE INFRASTRUCTURE****INTRODUCTION**

College campus comprises of various buildings as main college building, girl's hostel, college canteen, parking area, central playing ground and number of underground water tank bodies for storage of water.

OBSERVATION

Sr. No.	Locations	Space
1	College building	Spacious
2	Staff rooms	Spacious
3	Laboratories	Spacious
4	Toilet Blocks	Spacious
7	Parking Area	Spacious
8	Passage	Spacious
9	Class rooms	Spacious
10	Staircase	Spacious
11	College premises	Spacious



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





ASSESSMENT OF COLLEGE CAMPUS BUILDING INFRASTRUCTURE

Sr No	Locations	Space	Ventilation	Natural Light	Cleanliness	Remark
1	College building	Spacious	Good	Good	Good	-
2	Staff rooms	Spacious	Good	Good	Good	-
3	Laboratories	Spacious	Good	Good	Good	-
4	Toilet Blocks	Spacious	Good	Good	Good	-
5	Parking Area	Spacious	Good	Good	Good	-
6	Passage	Spacious	Good	Good	Good	-
7	Class rooms	Spacious	Good	Good	Good	-
8	Staircase	Spacious	Good	Good	Good	-
9	College premises	Spacious	Good	Good	Good	-
10	College building	Spacious	Good	Good	Good	-
11	Staff rooms	Spacious	Good	Good	Good	-



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



2. HEALTH AND SAFETY MANAGEMENT

OBSERVATION



1. Regular cleaning of college campus and toilets is done by the cleaning staff. This involves dusting, floor cleaning and toilets cleanings.
2. Garden and parking area is also kept clean by staffs.
3. Cleaning equipment and washing liquids are provided to the cleaning staff.
4. Gloves, masks like sanitation gear have been provided to the staff.
5. In college premises audit team found the unwanted materials.
6. There are number of fire extinguishers are placed in college campus building for fire safety purpose. College also doing regular maintenance and installed new fire extinguishers.
7. Open wiring and not properly addressed cable wiring have been observed in college, that may lead to short circuits as well as from electrical safety it is dangerous. Also panel doors are not closed properly. So it is an urgent repair and corrected.



PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



Fire safety	
Fire Extinguishers	Validity of Fire extinguishers
 <p>2022/8/25 13:08</p>	 <p>2022/8/25 12:55</p>
College has placed number of fire extinguishers at various places in the college campus	Maintenance validity of fire extinguishers is updated regularly.
V- Good	V- Good

PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



Fire safety Certificate



MAHARASHTRA GOVT. APPROVED AGENCY

TRIANGLE FIRE

FIRE SAFETY & SECURITY ENGINEERS

Reg. Office: - S. No. 13/1/15, Spicer College Rd, Shitole Nagar,
47/1/244/2, Old Sangavi, Pune, Maharashtra 411027

Mob: - +91966956670, +919890059950,

Email: trianglefire4@gmail.com Website: www.trianglefires.com



HPT. /REFILLING & INSPECTION OF FIRE FIGHTING EXTINGUISHER EQUIPMENT

CERTIFICATE

Mr. / Mrs : Dr. Babasaheb Ambedkar College, Aundh, Pune,
Maharashtra 411067

Type of the Extinguisher : ABC Stored Pressure

Capacity : 4 KG & 6 KG

No. of Fire Extinguisher : 05 NOS & 06 NOS

Date of Installation : 02/08/2022

Next Due Date : 01/08/2023

Parts in Fire Extinguisher

- | | |
|--------------------|--------------------------------|
| a) Pressure Filled | f) Powder |
| b) Yellow Seal | g) Safety Clip |
| c) Washer | h) Inner Container Siphon Tube |
| d) Hose Pipe | i) Plunger Mechanism |
| e) Squeeze Grip | j) Warranty Sticker |

CONDITION OF THE FIRE EXTINGUISHER: New Installed

Note: - One Year Warranty Only Automatic Pressure Drop.

Dated : 02/08/2022



Authorized Seal / Signature

College has done fire extinguisher maintenance and also newly installed

v- Well maintained

PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





Fire safety Certificate

MAHARASHTRA GOVT. APPROVED AGENCY

TRIANGLE FIRE

FIRE SAFETY & SECURITY ENGINEERS

Reg. Office: - S. No. 13/1/15, Spicer College Rd, Shitole Nagar,

47/1/244/2, Old Sangavi, Pune, Maharashtra 411027

Mob: - +91966956670, +918090059950,

Email: trianglefire4@gmail.com Website: www.trianglefires.com



HPT. /REFILLING & INSPECTION OF FIRE FIGHTING EXTINGUISHER EQUIPMENT

CERTIFICATE

Mr. / Mrs : Dr. Babasaheb Ambedkar College, Aundh, Pune,
Maharashtra 411067

Type of the Extinguisher : ABC Stored Pressure

Capacity : 4 KG

No. of Fire Extinguisher : 07 NOS

Date of Refilling / Servicing: 02/08/2022

Next Due Date : 01/08/2023

SPARES REPLACED

- | | |
|-------------------------|--------------------------|
| a) Pressure Filled | f) Powder Replaced |
| b) Yellow Seal Replaced | g) Safety Clip |
| c) Washer Changed | h) Inner Container Clean |
| d) Hose Checked | i) Plunger Mechanism |
| e) Squeeze Grip | j) Sticker Replaced |

CONDITION OF THE FIRE EXTINGUISHER: **VERY GOOD**

Note: - One Year Warranty Only Automatic Pressure Drop.

Dated : 02/08/2022



Authorized Seal / Signature

College has done fire extinguisher maintenance and also newly installed

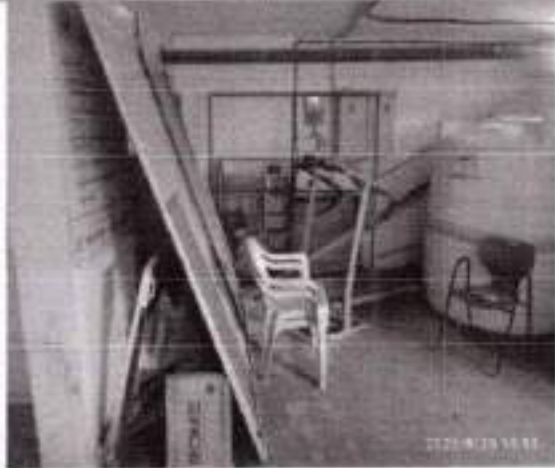
✓- Well maintained

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Electrical safety	
<p>Unwanted material</p> 	<p>Unwanted material</p> 
<p>Unwanted waste material placed near electrical panel</p>	<p>Unwanted waste material placed near electrical panel</p>
<p>☒- need to be clean</p>	<p>☒- need to be clean</p>

Electrical safety	Electrical safety
<p>Ladder for terrace</p> 	<p>Electrical panel door lock</p> 
<p>Unwanted waste material placed near electrical panel</p>	<p>Electrical panel not clean</p>
<p>☒- need to be clean</p>	<p>☒- need to be clean</p>

PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



Health safety

Dust bins for waste disposal



Dust bins for waste disposal



Properly placed dust bins in college for waste disposal

Properly placed dust bins in college for waste disposal

v- Good practice

v- Good practice

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67,





Health safety

Conventional water taping system



College have currently conventional water taping system

Hands free water taping system



College can adopts hands free water taping system. This saves the water and also good for personal health protection to avoid frequent hand touching to water taps.

PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



GENERAL RECOMMENDATIONS

Sr No	Points	Actions need to be done regularly if not
1	Electrical panels doors	Closed the panel doors
2	Electrical wiring	Wiring should be properly dressed
3	Electrical wiring connection, hanging etc	Wiring connection should be appropriate and not any hanging of live connections
4	Electrical panel rooms	Electrical panel room should cleaned and remove all unwanted materials.
5	Fire extinguishers	Need to renew maintenance immediately after due date
	Fire hydrant system	College installed properly fire hydrant system with regular maintenance of it. Also college undertook safety drill for college staff.
6	Unwanted materials	Remove and placed at appropriate place or disposed of immediately.
7	Conventional water taping system	College can adopts hands free water taping system. This saves the water and also good for personal health protection to avoid frequent hand touching to water taps.

PRINCIPAL
 Dr. Babasaheb Ambedkar College
 Aundh, Pune-67.





NO VEHICLE DAY INITIATIVE

OBSERVATION

1. Many of the college students and staff use the private or own vehicles to come college.
2. It contributes the CO2 emission due to burning of petrol or diesel in the vehicles.
3. College has taken initially on pilot basis "no vehicle day" but then after that college take initiative of "no vehicle day" on 1st day of every month.

No Vehicle Day Initiative- On pilot basis

उच्च शिक्षण मंत्रालय -


डॉ. बाबासाहेब आंबेडकर महाविद्यालय, औंध, पुणे - ६७

दि. २५/०८/२०२२

नोटीस

महाविद्यालयामात सधेे विद्यार्थ्यांना व सेवकांना वाहतुग्यात येते की, या महिन्याच्या म्हणजेच शुक्रवार, १ फेब्रुवारी २०२२ या दिवशी "No Vehicle Day" घाटण्यात येणार आहे. या दिवशी विद्यार्थी व सेवक यांनी फक्त सार्वजनिक वाहनांचा वापर करून महाविद्यालयाला उपस्थित राहावे.

आपल्या सहकार्यांमार्फत पार्किंग संरक्षणाचा हा उपक्रम यशस्वी होणार आहे. यासाठी आपले संतुष्टी सहकार्य अपेक्षित आहे.

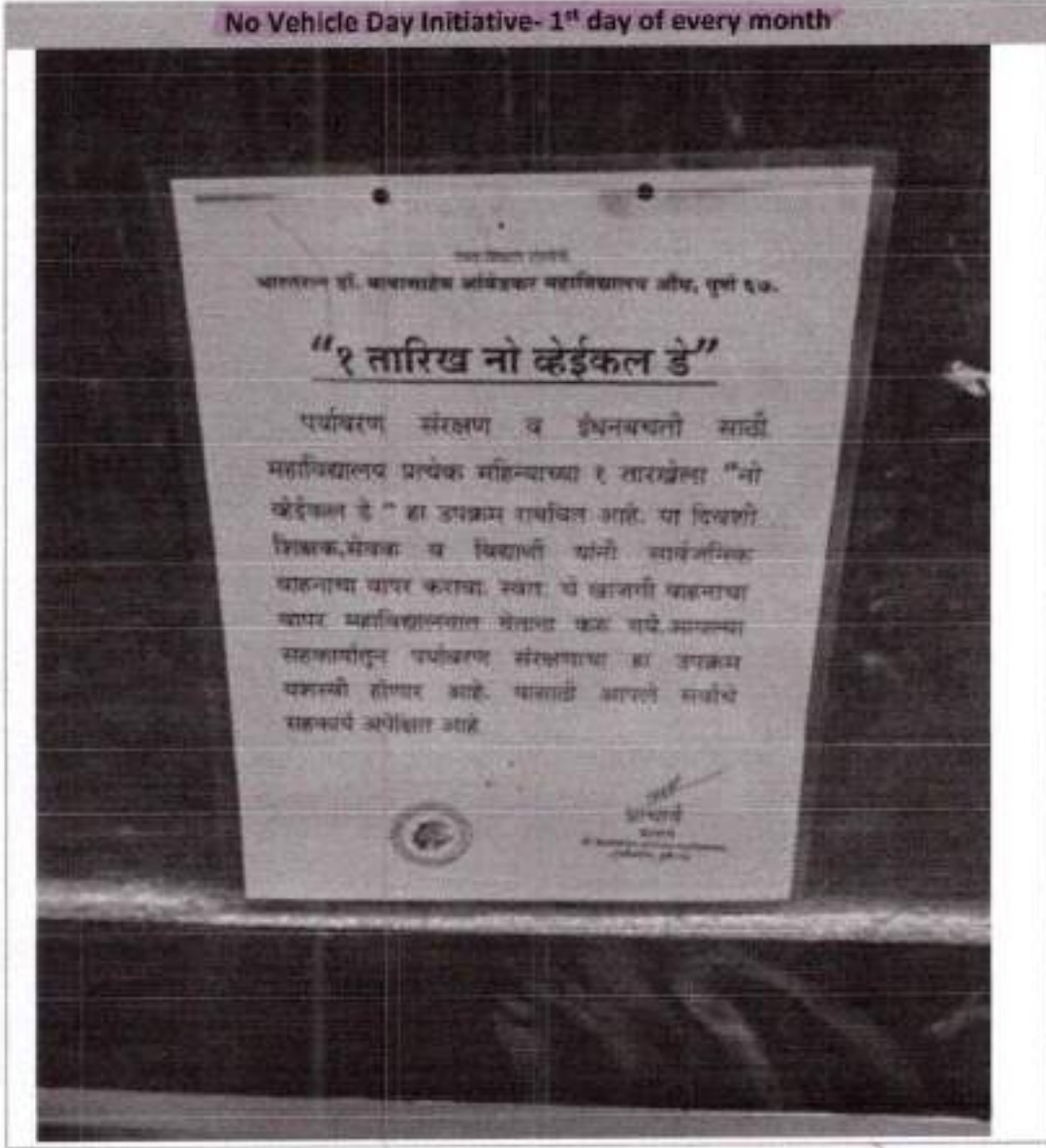


- प्राचार्य,
डॉ. बाबासाहेब आंबेडकर
महाविद्यालय, औंध, पुणे - ६७.

PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



No Vehicle Day Initiative- 1st day of every month



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

SAVING DUE TO "No vehicle day" on every Saturday of week

Number of vehicles in college premises	100	nos
Average running of vehicle	5	km/vehicle
Average fuel required	250	litres/day
Average cost of fuel	25000	INR/day
Number of Saturday per month	4	nos
Average fuel save	1000	litres/month
Average cost save	100000	INR/month
Average CO2 emission reduction per month	2.68	tonnes of CO2e
Average CO2 emission reduction per year	32.16	tonnes of CO2e

RECOMMENDATION

It is also recommended that college can be taken initiative of "No Vehicle Day" on every Saturday of the week



PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



OTHER ENERGY EFFICIENT, GREEN, HEALTH, WASTE PRACTICES BY THE COLLEGE MANAGEMENT

1. SOLID WASTE MANAGEMENT (SCRAPS LIKE PLASTIC, PAPER ETC)/ E-WASTE MANAGEMENT/ CLEANILNESS DRIVE/CAMPAIGN

INTRODUCTION

College have good policy for solid waste generated in the college like old newspapers, books, scrap boxes, etc.


E-WASTE MANAGEMNT

Electronic waste or e-waste describes discarded electrical or electronic devices. Used electronics which are destined for reuse, resale, salvage, recycling, or disposal are also considered e-waste. Informal processing of e-waste in developing countries can lead to adverse human health effects and environmental pollution.

Electronic scrap components, such as CPUs, contain potentially harmful components such as lead, cadmium, beryllium, or brominated flame retardants. Recycling and disposal of e-waste may involve significant risk to health of workers and communities in developed countries and great care must be taken to avoid unsafe exposure in recycling operations and leaking of materials such as heavy metals from landfills and incinerator ashes.

The environmental impact of the processing of different electronic waste components

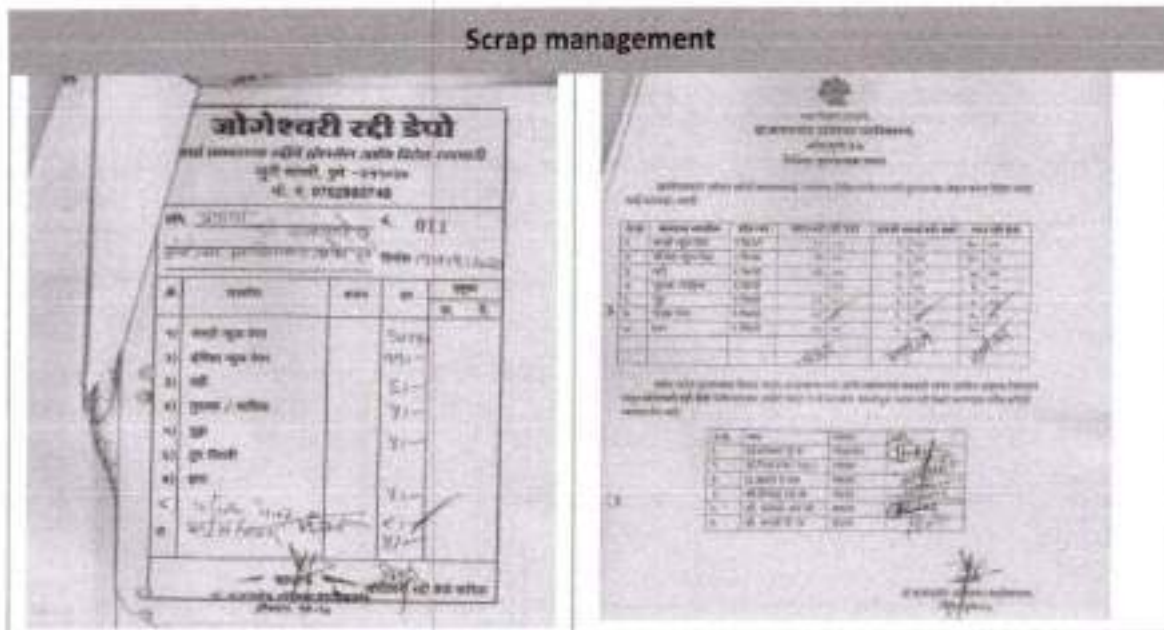
E-Waste Component	Process Used	Potential Environmental Hazard
Cathode ray tubes (used in TVs, computer monitors, ATM, video cameras, and more)	Breaking and removal of yoke, then dumping	Lead, barium and other heavy metals leaching into the ground water and release of toxic phosphor
Printed circuit board (image behind table – a thin plate on which chips and other electronic components are placed)	De-soldering and removal of computer chips; open burning and acid baths to remove metals after chips are removed.	Air emissions and discharge into rivers of glass dust, tin, lead, brominated dioxin, beryllium cadmium, and mercury
Chips and other gold plated components	Chemical stripping using nitric and hydrochloric acid and burning of chips	PAHs, heavy metals, brominated flame retardants discharged directly into rivers acidifying fish and flora. Tin and lead contamination of surface and groundwater. Air emissions of brominated dioxins, heavy metals, and PAHs
Plastics from printers, keyboards, monitors, etc.	Shredding and low temp melting to be reused	Emissions of brominated dioxins, heavy metals, and hydrocarbons
Computer wires	Open burning and stripping to remove copper	PAHs released into air, water, and soil.


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.

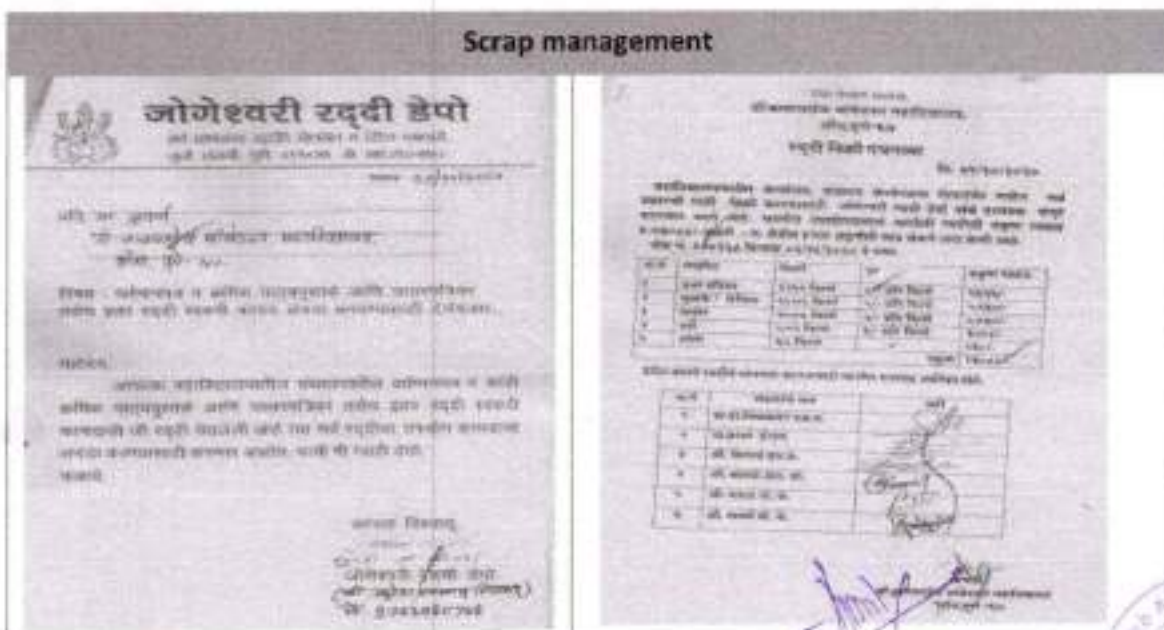
OBSERVATION

1. College has given solid waste generated like papers, metal scrap, garden waste etc to the authorised recycle for proper channelling the solid waste.
2. This helps to reduce the CO2 emission reduction due to recycling of the solid waste.
3. College also take initiative for e-waste recycling drive and MOU with different organisations like Janwani, Pune, Mahalaxi E recyclers, Kolhapur etc

Scrap management



Scrap management



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



E-waste drive




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Cleanliness drive



PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



2. TREE PLANTATION, SOIL CONSERVATION ETC

INTRODUCTION

Tree-planting is the process of transplanting tree seedlings, generally for forestry, land reclamation, or landscaping purpose

In silviculture the activity is known as reforestation, or afforestation, depending on whether the area being planted has or has not recently been forested. It involves planting seedlings over an area of land where the forest has been harvested or damaged by fire, disease or human activity. Tree planting is carried out in many different parts of the world, and strategies may differ widely across nations and regions and among individual reforestation companies. Tree planting is grounded in forest science, and if performed properly can result in the successful regeneration of a deforested area. Reforestation is the commercial logging industry's answer to the large-scale destruction of old growth forests, but a planted forest rarely replicates the biodiversity and complexity of a natural forest.[citation needed]

Because trees remove carbon dioxide from the air as they grow, tree planting can be used as a geoengineering technique to remove CO

2 from the atmosphere. Desert greening projects are also motivated by improved biodiversity and reclamation of natural water systems, but also improved economic and social welfare due to an increased number of jobs in farming and forestry.

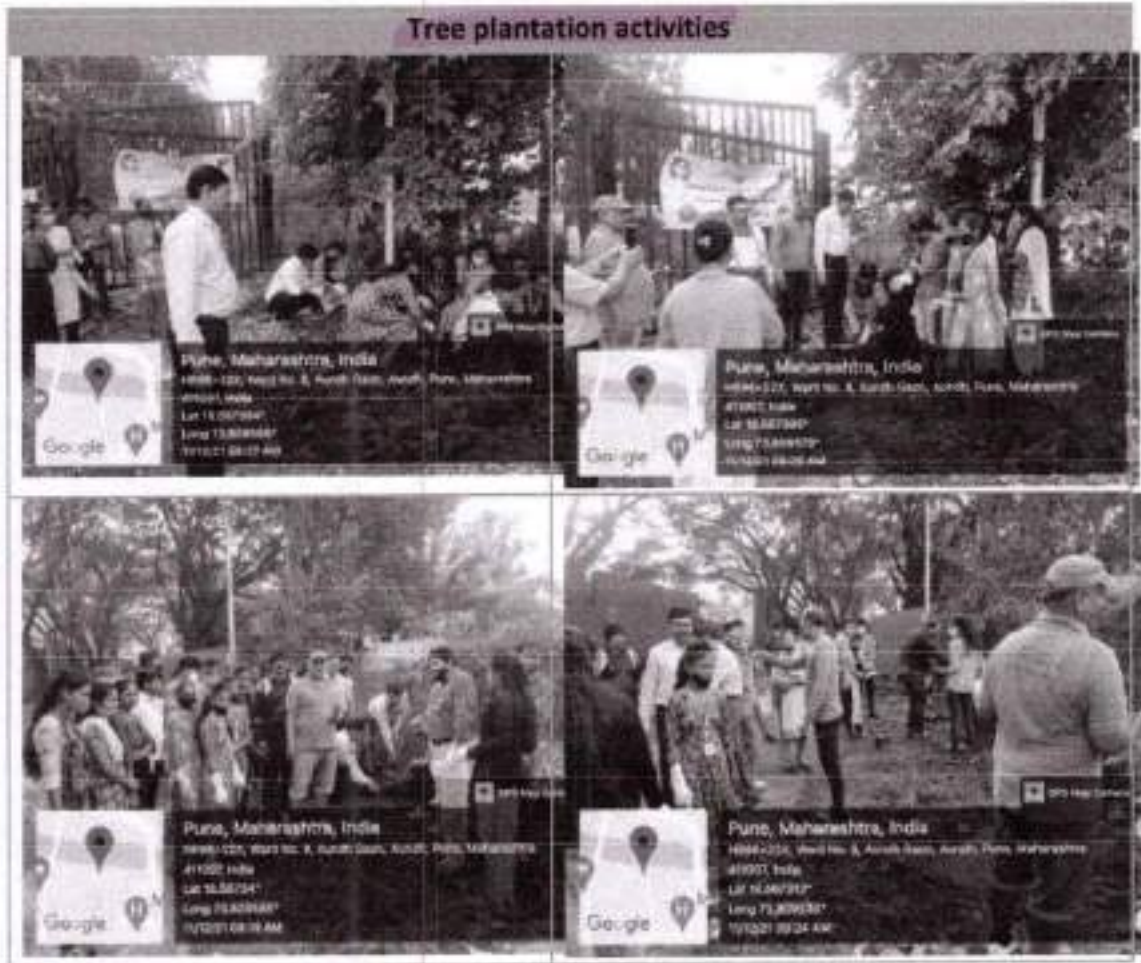
Canopies in tropical and temperate forests can be important habitats for many animals and plants. A dense canopy cover will let little light reach the ground and will lower temperatures. The canopy protects the ground from the force of rainfall and makes wind force more moderate

OSERVATION

1. In the college premises there are number of trees which are maintained by the college.
2. College also took initiative of tree plantation with the help of students in the city area.


PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



3. ENERGY EFFICIENT TECHNIQUES

INTRODUCTION

Due to climate change and CO2 emission it is necessary to use energy efficient technologies. It helps to reduce the energy consumption without affecting the output. It also helps the reduced the CO2 emission reductions.

OSERVATION

1. College has taken step by step intuitive to implement various energy efficient equipment/technologies the college.
2. College has implemented various energy efficient equipment like LED lighting, Solar street lights, BEE star rating equipment's like refrigerator, Acs etc

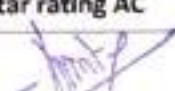
Energy efficient equipment/techniques



BEE star rating AC



BEE star rating AC


PRINCIPAL

Dr. Babasaheb Ambedkar
Aundh, Pune-67.





Energy efficient equipment/ techniques



BEE star rating refrigerator



LED lightings



PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



REFERENCES AND STANDARDS

1. Bureau of Energy Efficiency (BEE), Ministry of Power, Government of India
2. Energy Conservation Building Code (ECBC), 2007, BEE, Government of India
3. Indian Green Building Council (IGBC), India
4. National Ambient Air Quality Standards, 2009, Central Pollution Control Board (CPCB), Government of India
5. The Noise (Pollution and Control) Rules, 2000 Government of India
6. Municipal Solid Wastes (Management and Handling) Rules, 2000, Government of India
7. Solid Waste Management Rules, 2015, Government of India
8. E-waste (Management) Rules, 2015, Government of India
9. Plastic Waste (Management and Handling) Rules, 2016, Government of India
10. National Electrical Code, 2011
11. Fire Extinguisher Standards, 2190-2010, Bureau of Indian Standards (BIS)
12. IS 14489-1998, Code of Practice of Occupational and Health audit
13. Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

Handwritten signature



Handwritten signature
PRINCIPAL
Dr. Babasaheb Ambedkar
Aundh, Pune-67.



Dr. Babasaheb Ambedkar Maharashtra
University of Technology
Aundh, Pune-67

7.1.3

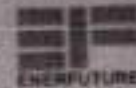


Energy Audit

Certificate

2021-22





CERTIFICATE

ENERFUTURE TECHNOLOGY PRIVATE LIMITED

Verified and Certified that



Rajawade Sanshodhan Mandal's

Dr. Babasaheb Ambedkar Mahavidyalaya

85, Sarkar Wada, Ward No. 8, Aundh Gaon, Pune-411067

Website: www.dba.ac.in | info@dba.ac.in

has carried out

Energy Audit

as per guidelines laid down in the
Energy Conservation Act, 2001,
Ministry of Power, Government of India
in 2021-22.



Vinay Mulay
M.Tech (Energy Studies)
Certified Energy Auditor
BEE, EA-10853
Lead Auditor, ISO-50001



Chetan Nemade
M.Tech (Energy Studies),
LL.B., ADIS
Certified Energy Manager
BEE, EA-22697



Yogesh Kuwar
M.Tech (Energy Studies), PGDELP
Certified Energy Manager
BEE, EA-33078
IGBCTM AP, AA02EBK7



www.enerfuture.com

PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



Energy Audit

Report

2021-22

ENERGY AUDIT REPORT

RAYAT SHIKSHAN SANSTHA'S



DR BABASHAEB AMBEDKAR MAHAVIDYALAYA

85, Sarkar Wada, Ward No: 8

Aundh Gaon, Pune-411 067, Maharashtra

Phone No: 020 25466271/73

E-mail Id: bdbacollege@gmail.com

Website: <https://www.dbacap.edu.in/>

Conducted and Submitted by



ENERFUTURE TECHNOLOGY PRIVATE LIMITED

301, Above Ekbote Hospital,

Revenue Colony, J.M.Road,

Pune-411005

Website: <http://www.ienerfuture.com>

E-mail: info@ienerfuture.com

Telephone: +91- 9960041642, 9405065597



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





ACKNOWLEDGEMENT

Enerfuture Technology thanks the management of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune for assigning this important work of Energy Audit of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune

Energy Audit study is a joint venture exercise of consultant and college account and contain energy usage without sacrificing the purpose of energy use.

Contribution of college's team is equally important in this venture. Team of technical experts from Enerfuture Technology Private Limited is grateful to all the following personnel of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune for their kind cooperation, furnishing required data, analysis report and support offered during our visit.

Name	Designation
Dr. Arun Andhale	Principal
Dr Ramesh Randive	Vice-Principal
Dr Rajendra Rasakar	Assistant Professor
Prof Sushilkumar Gujar	Assistant Professor
Dr Savita Patil	IQAC Coordinator

We are also thankful to the other staff members who were actively involved while taking measurements and conducting field study.

STUDY TEAM

Sr No	Name	Qualification
1	Mr. Chetan Nemade	M.Tech (Energy Studies), Advance Diploma in Industrial Safety (ADIS), LLB(pursuing), BEE Certified Energy Manager
2	Mr Vinay Mulay	M.Tech (Energy Studies), ISO 50001 Lead Auditor, BEE Accredited Energy Auditor
3	Mr Swapnil Gaikwad	M.Tech (Energy Studies), ISO 50001 Lead Auditor , BEE Certified Energy Auditor
4	Mr YogeshKumar	M.Tech (Energy Studies), IGBC, Post Graduate Diploma in Environmental law and Policy (PGDELP), BEE Certified Energy Manager
5	Mr Swapnil bedre	BE Mechanical




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-47.



LIST OF INSTRUMENTS USED

1. Distance Meter (Bosch)
2. Lux meter (Meco)
3. TDS meter
4. CO2 meter
5. Air quality measure meter
6. Sound meter



PRINCIPAL

**Dr. Babasaheb Ambedkar College,
Aundh, Pune-97.**



CONTENTS

EXECUTIVE SUMMARY	7
COLLEGE INTRODUCTION	9
INTRODUCTION.....	9
SILENT FEATURES OF THE COLLEGE.....	10
MISSION	10
VISSION	10
OBJECTIVES	11
LOCATION.....	12
ELECTRICITY BILL SUMMARY.....	13
ELECTRICITY BILL SUMMARY.....	13
OBSERVATION	15
ENERGY PERFORMANCE ASSESSMENT OF LIGHTING.....	16
OBSERVATION.....	16
PERFORMANCE ASSESSMENT OF LIGHTING SYSTEM	17
ENERGY SAVING MEASURES	17
ENERGY PERFORMANCE ASSESSMENT OF FAN	24
OBSERVATION	24
ENERGY SAVING MEASURES	24
SAVING BY CHANGINF THE MSEDCL TARIFF.....	28
OBSERVATION	28
RECOMMENDATION	28
SAVINGS MEASURES	28
SAVINGS DUE TO MAINTAINING POWER FACTOR.....	28
SOLAR PV SYSTEM WITH NET METER	29
INTRODUCATION.....	29



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aunth, Pune-67.



OBSERVATION	30
RECOMMENDATION	30
SAVINGS MEASURES	31
SAVINGS DUE TO SOLAR PV SYSTEM INSTALLATION AND AVAILABLE ROOFTOP SPACE	31
CO ₂ EMISSION REDUCTION	35
ENERGY CONSERVATION BY SAVING OF WATER.....	37
1. TAP WATER REDUCER	37
RECOMMENDATION	37
ANNEXTURE	38
ENERGY EFFICIENT FANS.....	38




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.




EXCECUTIVE SUMMARY

Sr no	Location	Area	Proposed Action	Expected Result	Saving Potential	Monetary Saving	Investment	Simple Payback Period
					kWh	INR	INR	months
1	College buildings	Lightning recommendations	Install motion sensors to parking, staircase, passage and street lights	Existing lighting consumption= 804.70kWh	18	200.88	1,530	7.62
				Expected energy consumption= 786.70kWh				
				Total energy saved per month=18kWh				
2	College buildings	Fan recommendations	Replace existing old conventional fans which consumes 70W with new energy efficient fans which consumes 28W(18W & 8W for exhaust fan)	Existing fan consumption= 466.22kWh	231.04	2,578.41	2,04,211	79.20
				Expected energy consumption= 235.18kWh				
				Total energy saved per month=231.04kWh				
3	College electricity bill	Electricity bill tariff change	Change MSEDCL electricity bill tariff from commercial to Public services-others	Average monthly saving=INR 5157.12	-	5,157.12	0	0




PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



4	College campus	Solar rooftop Photovoltaic system	College can expand existing Solar PV system to 14 kWp in available rooftop to cater excess energy consumption	College can installed 14 kWp solar PV system	1575	17,577	6,30,000	2.99
---	----------------	-----------------------------------	---	--	------	--------	----------	------




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



COLLEGE INTRODUCTION

INTRODUCTION



Rayat Shikshan Sanstha Satara

"Education through self-help is our motto."

This college is a grant-in-aid institution affiliated to Savitribai Phule Pune University. It has been established in 1983 and included under sections 2(f) and 12(B) of the UGC Act and has been receiving grants regularly. College is re-accredited with B++ Grade with CGPA of 2.76 by NAAC in 2017. The college offers courses like B.A., B.Com, B.B.A.(Computer Application) , B. Voc.(Retail Marketing and Management) M.A. Economics, M.A. Marathi and M. Com. Along with academic programs college also offers two COC and twenty seven skill and job oriented courses. The college has received several grants for Major and Minor Research projects from UGC and Savitribai Phule Pune University. The College also pays equal attention to faculty improvement and research. College has well qualified and research oriented faculty out of 13 permanent faculty, eight are with Ph.D. and two with M.Phil. and three are doing Ph.D. Almost all faculty members have completed major or minor research projects. College has organized 27 seminars and conference and 47 workshops. Several support services are provided to the students like ladies hostel, NSS, sports, YCMOU, cultural unit etc. Several support services are provided to the students like ladies hostel, NSS, sports, YCMOU, cultural unit etc. The college also publishes its annual magazine 'Aksharkumaya', wall paper 'Aksharrang', hand written 'Vanijyavishwa' and 'Arthvishwa', book reviews and Newsletters. Majority of the students are from rural and slum area. They belong to economically and socially backward classes. To cop up with the new atmosphere, we organize orientation remedial, special guidance scheme, bridge courses, counselling and computer courses for students. College was



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



awarded with Karmveer Paritoshik by Rayat Shikshan Sanstha, Jagannath Rathi award for extension activities by Savitribai Phule Pune University, Savitribai Phule Best Sanstha by Rashtriya Bandhuta Parishad.

SILENT FEATURES OF THE COLLEGE

- A Branch of Rayat Shikshan Sanstha which was founded by a great visionary Padmabhushan Dr. Karmveer Bhaurao Patil.
- Affiliated to Savitribai Phule Pune University, Pune.
- Accredited by NAAC with 'B++' Grade with CGPA of 2.76 by NAAC in 2017.
- Best college Award by Rayat Shikshan Sanstha.
- NSS Best College Unit Award by SPPU.
- Jagannath Rathi Award for social awareness by Savitribai Phule Pune University, Pune.
- Adequate infrastructure with spacious classroom.
- Language Laboratory.
- Commerce Laboratory.
- Computer Laboratory.
- Adequate IT infrastructure.
- Well qualified and dedicated teaching faculty.
- Twenty-seven skill and job-oriented courses.
- Excellent organization seminars and workshops.
- Competitive Examination Guidance Centre.
- Banking Examination guidance Centre.
- Police Pre-recruitment Training Centre.
- Ladies hostel facility.
- Automated Library with library website and Institutional Repository for e-collection.
- National players.
- Good Research culture.

MISSION

We are committed to educate educationally, socially and economically backward people and bring about a positive change among them and thereby serve the nation.

VISSION

To impart quality education too socially, economically and educationally downtrodden through self-help and bring them in the main stream of the nation.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





OBJECTIVES

- To generate physically, spiritually and academically sound, young, properly motivated graduates who know the importance of social and civil responsibilities.
- To develop the overall personality of students.
- Education through self-help and dignity of labour
- To educate socially and economically backward students.
- To promote women education.
- To promote the research activities.
- To have interaction with the society through co-curricular activities to acquaint the basic needs and problems.

[Handwritten signature]





ELECTRICITY BILL SUMMARY

Dr Babasaheb Ambedkar Mahavidyalaya College, Pune have two MSEDCL three phase LT electricity connection in the college campus for all buildings.

One electricity meter is used for college building while other meter is used for girl's hostel building.

The major electricity consumption in college campus is lighting, fans, AC as well as water pumping to various buildings during college hours.

Both MSEDCL energy meters are solar net meters with capacity of 15 kWp and 5 kWp of Solar PV system.

ELECTRICITY BILL SUMMARY

Consumer No.		170014135271	
Billing Unit		4599	
Category		LT-II-A (Commercial)	
Connected load		14	kW
Month	Units	Total Bill	Average Unit Rate
	kWh	INR	INR/kWh
Aug-21	1195	13107.01	10.97
Sep-21	1150	12632.35	10.98
Oct-21	1351	14752.50	10.92
Nov-21	1285	14066.87	10.94
Dec-21	1771	19182.66	10.83
Jan-22	1469	15997.16	10.89
Feb-22	1606	17442.24	10.86
Mar-22	2006	22146.89	11.04
Apr-22	2211	23998.81	10.85
May-22	1977	21513.60	10.88
Jun-22	1799	22235.28	12.36
Jul-22	1768	21861.03	12.36
Average	1632	18245	11.16



Consumer No.		170011133820	
Billing Unit		4599	
Category		LT-II-A (Commercial)	
Actual Category		LT-V-B (Public services- others)	
Connected load		14	kW
Month	Units	Total Bill	Average Unit Rate
	kWh	INR	INR/kWh
Aug-21	0	-18810	#DIV/0!
Sep-21	0	-18400	#DIV/0!
Oct-21	0	-17990	#DIV/0!
Nov-21	0	-17580	#DIV/0!
Dec-21	0	-17170	#DIV/0!
Jan-22	0	-16760	#DIV/0!
Feb-22	0	-16350	#DIV/0!
Mar-22	0	-15930	#DIV/0!
Apr-22	0	-60980	#DIV/0!
May-22	0	-61560	#DIV/0!
Jun-22	0	-60140	#DIV/0!
Jul-22	0	-59720	#DIV/0!
Average		0.00	



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



OBSERVATION

1. Total monthly energy consumption of the college is approximately 3,000 units.
2. Total monthly billing is approximately INR 20, 000 /-
3. 15 kWp and 5 kWp Solar PV system is installed in girls's hostel building and college building respectively as a renewable energy source.
4. Approximate 2,350 kWh units are generated from existing solar PV systems.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

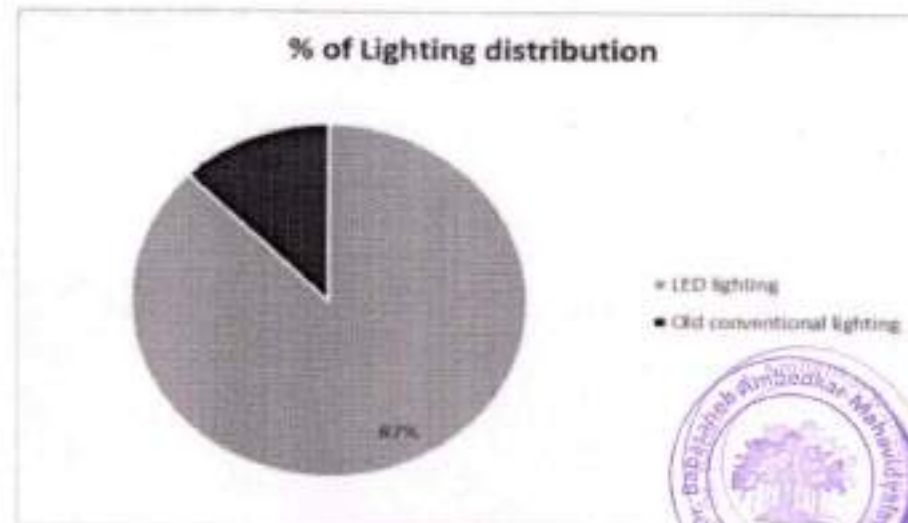


ENERGY PERFORMANCE ASSESSMENT OF LIGHTING

OBSERVATION

College has installed new energy efficient LED lighting in the college campus. Also some old lightings in the college which are replaced by college in course of time.

Type	Quantity	kW load	% of load
LED lighting	56	1.01	87.50
Old conventional lighting	8	0.29	12.50
Total	64	1.30	100




PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.

PERFORMANCE ASSESSMENT OF LIGHTING SYSTEM

ENERGY SAVING MEASURES



Building	Floor	Name	Light Type	Type	Qty	Wattage	Hours of usage	No of Days in a month	Monthly consumption	
					Nos	watt	hrs	days	kWh/day	
College building	All	Passage	LED	1x16W	4	16	5	25	8.00	
			LED	1x20W	19	20	5	25	47.50	
			FTL	1x40W	1	40	1	25	1.00	
	Basement	Bathroom	LED	1x20W	40	20	10	25	200.00	
			B-1 Boy's room	LED	1x20W	4	20	5	25	10.00
				LED	1x16W	3	16	5	25	6.00
			B-2 Geography department	LED	1x20W	1	20	5	25	2.50
				LED	1x16W	2	16	5	25	4.00
			B-3 History department and competitive exam centre	LED	1x20W	3	20	5	25	7.50
				FTL	1x36W	1	36	5	25	4.50
				FTL	1x40W	1	40	5	25	5.00
			B-5	LED	1x16W	1	16	5	25	2.00
				LED	1x20W	1	20	5	25	2.50
			B-6	LED	1x16W	3	16	5	25	6.00
				LED	1x20W	1	20	5	25	2.50



PRINCIPAL
 Babasaheb Ambedkar Mahavidyalaya
 Aurang, Pune-41



		FTL	1x40W	1	40	5	25	5.00
	B-7	LED	1x16W	3	16	5	25	6.00
	B-4 Marathi department	LED	1x16W	1	16	5	25	2.00
		LED	1x20W	2	20	5	25	5.00
Ground floor	G-4 Staff room	LED	1x16W	12	16	5	25	24.00
		LED	1x20W	20	20	5	25	50.00
	G-5 Admin office	LED	1x20W	8	20	8	25	32.00
	G-3 Principal office	LED	1x20W	3	20	8	25	12.00
		LED	1x16W	5	16	8	25	16.00
	G-6 English department	LED	1x16W	2	16	5	25	4.00
	G-7 Examination office	LED	1x20W	2	20	5	25	5.00
		LED	1x16W	2	16	5	25	4.00
	Vice principal room	LED	1x20W	1	20	8	25	4.00
	G-2 Library	LED	1x20W	10	20	8	25	40.00
		LED	1x16W	2	16	8	25	6.40
	G-1 Store room	LED	1x20W	1	20	5	25	2.50
First floor	101 Class room	LED	1x20W	4	20	5	25	10.00
	102 Class room	LED	1x20W	2	20	5	25	5.00
		FTL	1x36W	2	36	5	25	9.00
	103 Economics department	LED	1x20W	1	20	5	25	2.50
	104 Commerce department	LED	1x20W	2	20	5	25	5.00
		LED	1x16W	2	16	5	25	4.00
	105 Politics department	LED	1x20W	1	20	5	25	2.50
	106 Class room	LED	1x20W	4	20	5	25	10.00
	107 Class room	LED	1x20W	6	20	5	25	15.00
	Seminar hall	LED	1x20W	6	20	2	25	6.00




PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



			LED	1x16W	2	16	5	25	4.00
	Second floor	201 Class room	LED	1x20W	2	20	5	25	5.00
			FTL	1x36W	1	36	5	25	4.50
			FTL	1x40W	1	40	5	25	5.00
		202 Class room	LED	1x20W	4	20	5	25	10.00
		203 Class room	LED	1x20W	2	20	5	25	5.00
		204 BBA department	LED	1x20W	3	20	5	25	7.50
		205 Junior staff room	LED	1x20W	1	20	5	25	2.50
			FTL	1x36W	1	36	5	25	4.50
		206 Computer lab	LED	1x20W	7	20	5	25	17.50
		207 Chemistry lab	LED	1x20W	3	20	5	25	7.50
		208 B-Voc lab	LED	1x16W	21	16	2	25	16.80
		301 Physics lab	LED	1x20W	5	20	5	25	12.50
		302 Class room	LED	1x12W	10	12	0.5	25	1.50
Girl's hostel	All	Passage	LED	1x20W	7	20	5	25	17.50
		Visitor room	LED	1x20W	1	20	5	25	2.50
		Servant room	LED	1x20W	1	20	5	25	2.50
		Warden room	LED	1x20W	1	20	5	25	2.50
		Sick room	LED	1x20W	1	20	5	25	2.50
		Reading room	LED	1x20W	6	20	5	25	15.00
		All rooms	LED	1x20W	14	20	5	25	35.00
Gymkhana	All	Passage	LED	1x20W	3	20	5	25	7.50
		Gym room	LED	1x16W	10	16	5	25	20.00



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-41



Building	Floor	Name	Change	New used Qty	New monthly consumption	Monthly saving	Monthly saving	Total investment	Payback period	
				nos	kWh/month	kWh/month	INR/month	INR	months	
College building	All	Passage	No change	4	8.00	0.00	0.00	0	#DIV/0!	
			No change	19	47.50	0.00	0.00	0	#DIV/0!	
			LED-1x20W	1	0.50	0.50	5.58	170	30.47	
		Bathroom	No change	40	200.00	0.00	0.00	0	#DIV/0!	
	Basement	B-1 Boy's room	No change	4	10.00	0.00	0.00	0	#DIV/0!	
			No change	3	6.00	0.00	0.00	0	#DIV/0!	
			B-2 Geography department	No change	1	2.50	0.00	0.00	0	#DIV/0!
			No change	2	4.00	0.00	0.00	0	#DIV/0!	
			B-3 History department and competitive exam centre	No change	3	7.50	0.00	0.00	0	#DIV/0!
			LED-1x20W	1	2.50	2.00	22.32	170	7.62	
			LED-1x20W	1	2.50	2.50	27.90	170	6.09	
			B-5	No change	1	2.00	0.00	0.00	0	#DIV/0!
			No change	1	2.50	0.00	0.00	0	#DIV/0!	
			B-6	No change	3	6.00	0.00	0.00	0	#DIV/0!
			No change	1	2.50	0.00	0.00	0	#DIV/0!	
			LED-1x20W	1	2.50	2.50	27.90	170	6.09	
			B-7	No change	3	6.00	0.00	0.00	0	#DIV/0!
			B-4 Marathi department	No change	1	2.00	0.00	0.00	0	#DIV/0!
	No change	2		5.00	0.00	0.00	0	#DIV/0!		



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Ground floor	G-4 Staff room	No change	12	24.00	0.00	0.00	0	#DIV/0!	
		No change	20	50.00	0.00	0.00	0	#DIV/0!	
	G-5 Admin office	No change	8	32.00	0.00	0.00	0	#DIV/0!	
	G-3 Principal office	No change	3	12.00	0.00	0.00	0	#DIV/0!	
		No change	5	16.00	0.00	0.00	0	#DIV/0!	
	G-6 English department	No change	2	4.00	0.00	0.00	0	#DIV/0!	
	G-7 Examination office	No change	2	5.00	0.00	0.00	0	#DIV/0!	
		No change	2	4.00	0.00	0.00	0	#DIV/0!	
	Vice principal room	No change	1	4.00	0.00	0.00	0	#DIV/0!	
	G-2 Library	No change	10	40.00	0.00	0.00	0	#DIV/0!	
		No change	2	6.40	0.00	0.00	0	#DIV/0!	
	G-1 Store room	No change	1	2.50	0.00	0.00	0	#DIV/0!	
	First floor	101 Class room	No change	4	10.00	0.00	0.00	0	#DIV/0!
		102 Class room	No change	2	5.00	0.00	0.00	0	#DIV/0!
		LED-1x20W	2	5.00	4.00	44.64	340	7.62	
103 Economics department		No change	1	2.50	0.00	0.00	0	#DIV/0!	
104 Commerce department		No change	2	5.00	0.00	0.00	0	#DIV/0!	
		No change	2	4.00	0.00	0.00	0	#DIV/0!	
105 Politics department		No change	1	2.50	0.00	0.00	0	#DIV/0!	
106 Class room		No change	4	10.00	0.00	0.00	0	#DIV/0!	
107 Class room		No change	6	15.00	0.00	0.00	0	#DIV/0!	
Seminar hall		No change	6	6.00	0.00	0.00	0	#DIV/0!	
Second floor		No change	2	4.00	0.00	0.00	0	#DIV/0!	
	201 Class room	No change	2	5.00	0.00	0.00	0	#DIV/0!	
		LED-1x20W	1	2.50	2.00	22.32	170	7.62	




PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



			LED-1x20W	1	2.50	2.50	27.90	170	6.09
		202 Class room	No change	4	10.00	0.00	0.00	0	#DIV/0!
		203 Class room	No change	2	5.00	0.00	0.00	0	#DIV/0!
		204 BBA department	No change	3	7.50	0.00	0.00	0	#DIV/0!
		205 Junior staff room	No change	1	2.50	0.00	0.00	0	#DIV/0!
			LED-1x20W	1	2.50	2.00	22.32	170	7.62
		206 Computer lab	No change	7	17.50	0.00	0.00	0	#DIV/0!
		207 Chemistry lab	No change	3	7.50	0.00	0.00	0	#DIV/0!
		208 B-Voc lab	No change	21	16.80	0.00	0.00	0	#DIV/0!
		301 Physics lab	No change	5	12.50	0.00	0.00	0	#DIV/0!
		302 Class room	No change	10	1.50	0.00	0.00	0	#DIV/0!
Girl's hostel	All	Passage	No change	7	17.50	0.00	0.00	0	#DIV/0!
		Visitor room	No change	1	2.50	0.00	0.00	0	#DIV/0!
		Servant room	No change	1	2.50	0.00	0.00	0	#DIV/0!
		Warden room	No change	1	2.50	0.00	0.00	0	#DIV/0!
		Sick room	No change	1	2.50	0.00	0.00	0	#DIV/0!
		Reading room	No change	6	15.00	0.00	0.00	0	#DIV/0!
		All rooms	No change	14	35.00	0.00	0.00	0	#DIV/0!
Gymkhana	All	Passage	No change	3	7.50	0.00	0.00	0	#DIV/0!
		Gym room	No change	10	20.00	0.00	0.00	0	#DIV/0!




PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-47.



Total lighting savings		
Monthly consumption	804.70	kWh/month
New monthly consumption	786.7	kWh/month
New monthly saving	18	kWh/month
New monthly saving	200.88	INR/month
Total Investment	1530	INR
Payback period	7.62	months




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-47.



ENERGY PERFORMANCE ASSESSMENT OF FAN

OBSERVATION

College has installed old conventional induction motor fan which consumes 70W at full speed. It is recommended that replace old fan which are operated maximum usage per day with new energy efficient fan which consumes 28W at full speed. Also exhaust fan of 45W and 35W with 18W and 8W energy efficient fans.

ENERGY SAVING MEASURES

Building	Floor	Name	Qty	No of Days in a month	Monthly consumption	Monthly saving	Monthly saving	Investment	Total investment	Payback period
				nos	kWh	kWh	INR	INR	INR	
College building	Basement	B-1 Boy's room	3	25	10.50	6.30	70.31	1800	5400	76.80
		B-2 Geography department	1	25	3.50	2.10	23.44	1800	1800	76.80
		B-3 History department and competitive exam centre	2	25	7.00	4.20	46.87	1800	3600	76.80
		B-5	1	25	3.50	2.10	23.44	1800	1800	76.80
		B-6	2	25	7.00	4.20	46.87	1800	3600	76.80
		B-7	1	25	3.50	2.10	23.44	1800	1800	76.80




PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-57.

		B-4 Marathi department	1	25	3.50	2.10	23.44	1800	1800	76.80
Ground floor		G-4 Staff room	6	25	21.00	12.60	140.62	1800	10800	76.80
		G-5 Admin office	4	30.5	17.08	10.25	114.37	1800	7200	62.95
		G-3 Principal office	2	30.5	8.54	5.12	57.18	1800	3600	62.95
		G-6 English department	3	30.5	12.81	7.69	85.78	1800	5400	62.95
		G-7 Examination office	2	30.5	8.54	5.12	57.18	1800	3600	62.95
		Vice principal room	1	30.5	4.27	2.56	28.59	1800	1800	62.95
		G-2 Library	4	30.5	17.08	10.25	114.37	1800	7200	62.95
First floor		101 Class room	5	30.5	21.35	12.81	142.96	1800	9000	62.95
		102 Class room	5	30.5	21.35	12.81	142.96	1800	9000	62.95
		103 Economics department	1	30.5	4.27	2.56	28.59	1800	1800	62.95
		104 Commerce department	2	30.5	8.54	5.00	55.82	1801	3602	64.53
		105 Politics department	1	30.5	4.27	2.38	26.55	1803	1803	67.91
		106 Class room	5	30.5	21.35	11.59	129.34	1804	9020	69.74
		107 Class room	5	30.5	21.35	11.29	125.94	1805	9025	71.66
		Seminar hall	7	30.5	29.89	15.37	171.55	1806	12642	73.69
Second floor		201 Class room	5	30.5	21.35	10.68	119.13	1807	9035	75.84
		202 Class room	5	30.5	21.35	10.37	115.73	1808	9040	78.11
		203 Class room	2	30.5	8.54	4.03	44.93	1809	3618	80.52
		204 BBA department	2	30.5	8.54	3.90	43.57	1810	3620	83.09
		205 Junior staff room	2	30.5	8.54	3.78	42.21	1811	3622	85.81


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh - 411 007.





		206 Computer lab	6	30.5	25.62	10.61	118.45	1813	10878	91.83
		207 Chemistry lab	1	30.5	4.27	1.71	19.06	1814	1814	95.17
		208 B-Voc lab	8	30.5	34.16	13.18	147.04	1815	14520	98.75
		301 Physics lab	6	30.5	25.62	9.52	106.20	1816	10896	102.60
		302 Class room	1	30.5	1.07	0.38	4.25	1817	1817	427.05
Girl's hostel	All	Visitor room	1	30.5	4.27	1.40	15.66	1819	1819	116.17
		Servant room	1	30.5	4.27	1.34	14.98	1820	1820	121.52
		Warden room	1	30.5	4.27	1.28	14.30	1821	1821	127.38
		Sick room	1	30.5	4.27	1.22	13.62	1822	1822	133.82
		Reading room	1	30.5	4.27	1.16	12.93	1823	1823	140.94
		All rooms	1	30.5	4.27	1.10	12.25	1824	1824	148.85
Gymkhana		Gym room	5	30.5	21.35	4.88	54.46	1826	9130	167.64



[Handwritten Signature]

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Total fan savings		
Monthly consumption	466.22	kWh/month
New monthly consumption	235.18	kWh/month
New monthly saving	231.04	kWh/month
New monthly saving	2578.41	INR/month
Total investment	204211	INR
Payback period	79.20	months




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

SAVING BY CHANGINF THE MSEDCL TARIFF

OBSERVATION

1. It is observed that college paying electricity bills by commercial tariff rate which average 7.07 INR/kWh
2. But for institutions actual MSEDCL tariff is "Public Services- Others" with average unit rate is 4.57 INR/kWh

RECOMMENDATION

1. It is recommended that to change the tariff of electricity bill from commercial to public services-others.

SAVINGS MEASURES

SAVINGS DUE TO MAINTAINING POWER FACTOR

Particulars- tariff change			
Monthly consumption	1632	kWh/month	
Average unit rate by commercial tariff	11.16	kWh/month	
Average unit rate by public services-others	8	kWh/month	
Monthly saving	5157.12	INR/month	
Yearly saving	61885.44	INR/month	
Total Investment	0	INR	
Payback period	0	months	

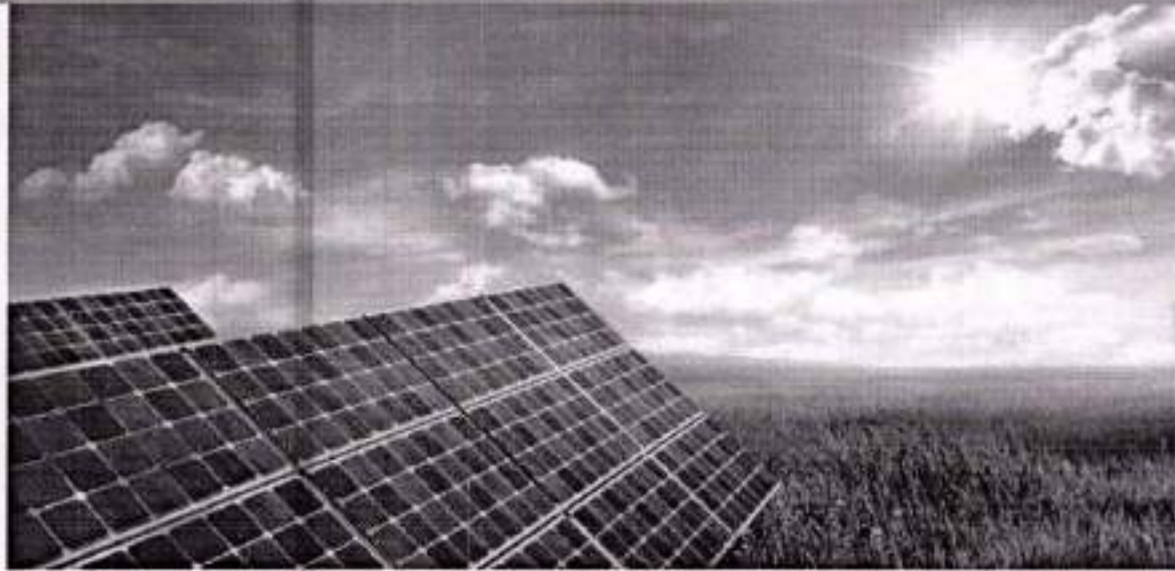



PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-47.

SOLAR PV SYSTEM WITH NET METER

INTRODUCTION

Solar photovoltaic system- with Net meter

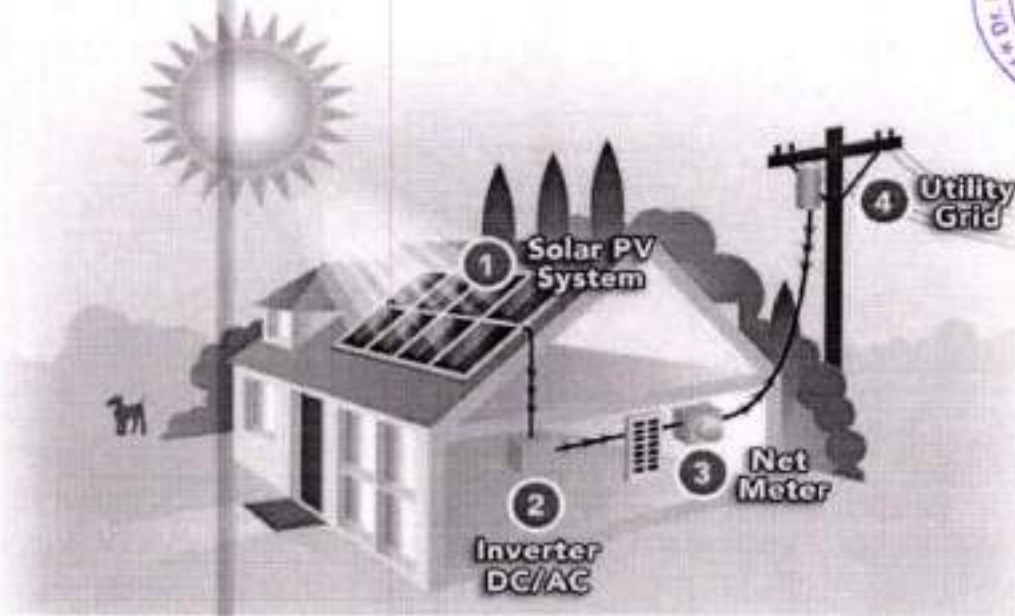


Maharashtra Government has new solar energy policy name as "Rooftop Solar with Net Meter system". Maharashtra government encourages to install rooftop solar PV system with net meters at available roof top of consumers. This helps to reduce the burden on existing conventional fuel fired power plants in the country.

Solar Rooftop Net meter system helps consumers to reduce the electricity consumption in the electricity bill due to net meter.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



OBSERVATION

1. It is observed that in the college has installed Solar PV system for solar energy generation.
2. Existing total capacity of Solar PV system is 20 kWp i.e 15 kWp on girl's hostel building and 5 kWp on college building
3. Energy consumption of the college is average 1,632 kwh/months
4. College still has huge rooftop space available for Solar PV system to expand.

RECOMMENDATION

1. College can increased the capacity of Solar PV system on rooftops as per existing energy consumption and rooftop space available on various available rooftop space of the buildings on CAPEX model.
2. Or College can increased the capacity of Solar PV system on OPEX model i.e Built Operate Transfer (BoT) model where no need of investment by college.



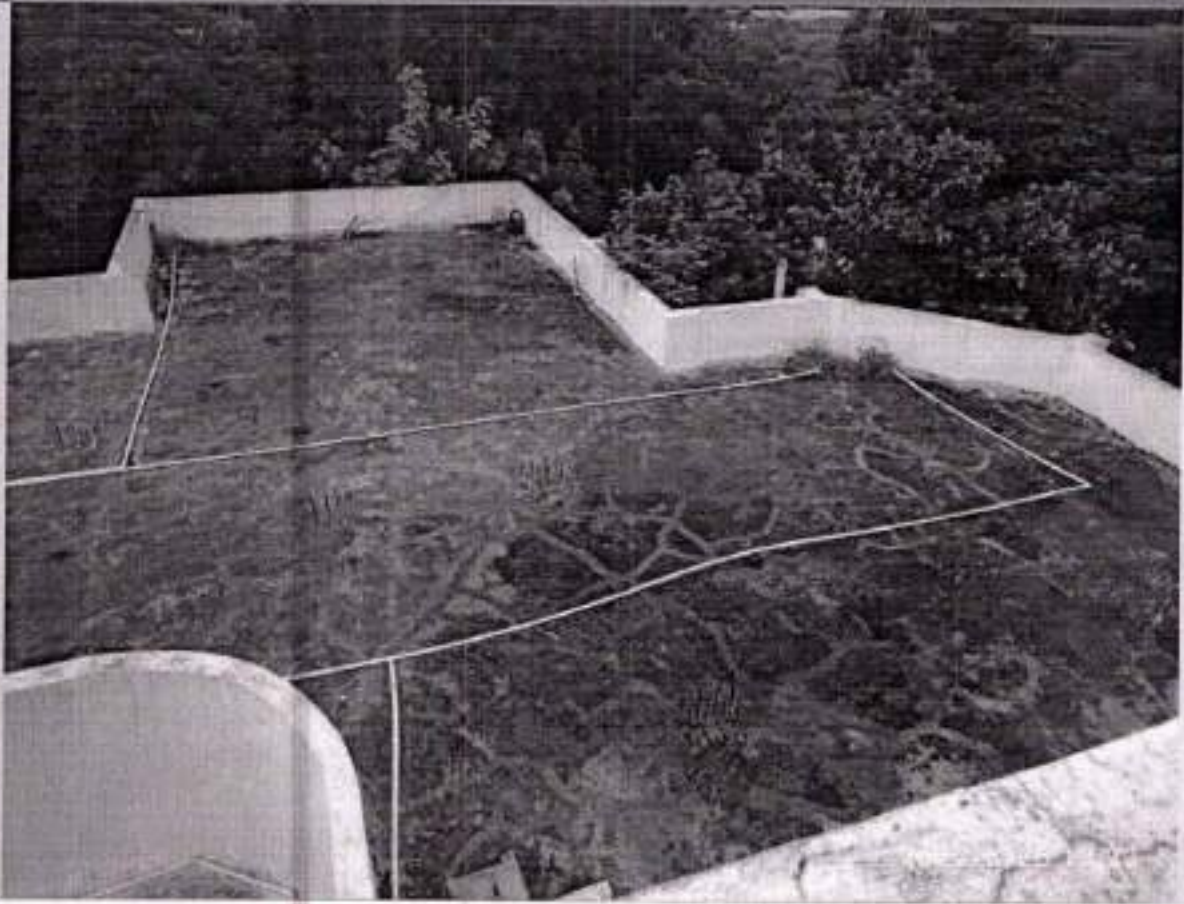

PRINCIPAL
Dr. Babasaheb Ambedkar Sahitya Akademi,
Aundh, Pune-47.



SAVINGS MEASURES

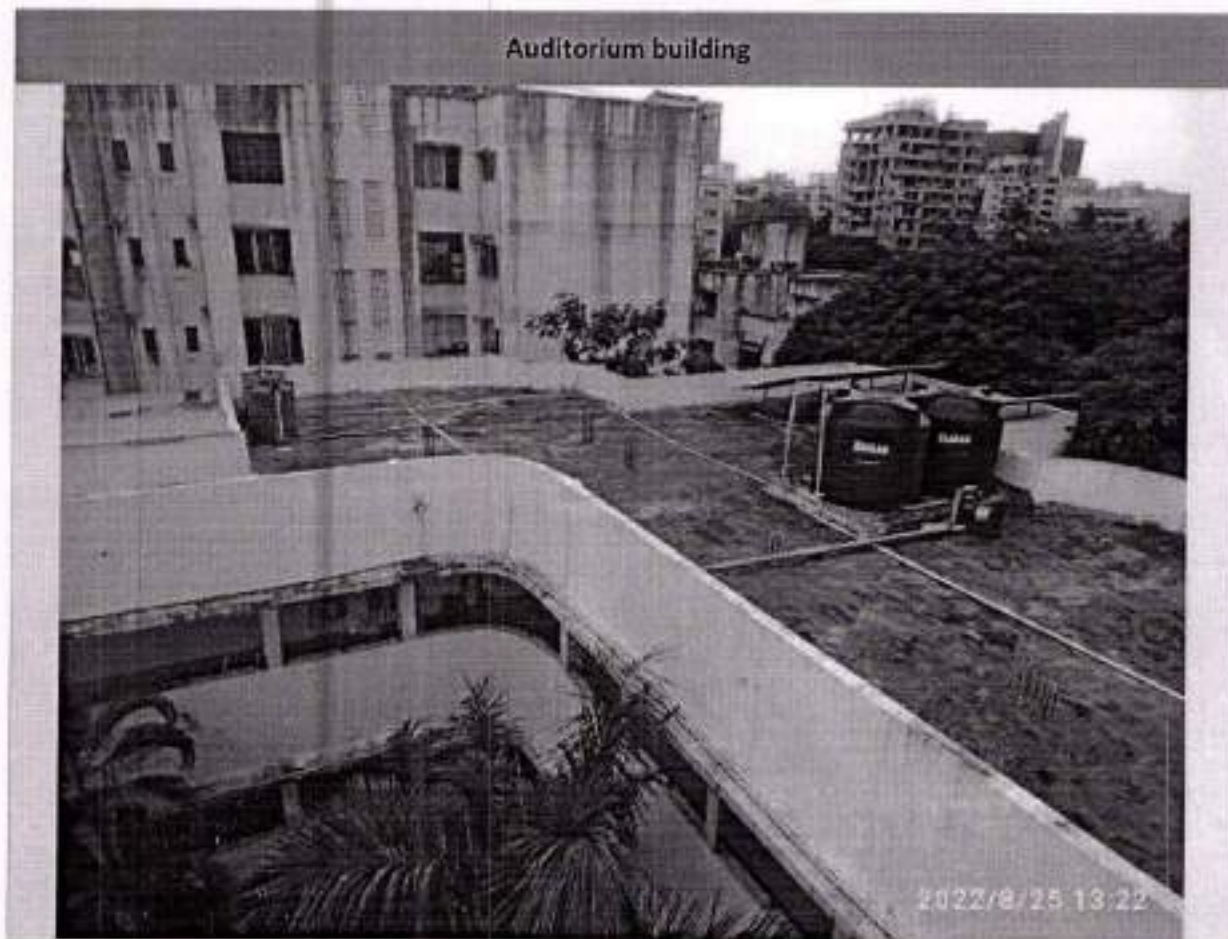
SAVINGS DUE TO SOLAR PV SYSTEM INSTALLATION AND AVAILABLE ROOFTOP SPACE

College building rooftop




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.

Auditorium building



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

Particulars- Solar PV system- Building rooftop			
Capacity of Solar PV system to be increased	14		kWp
Units generation per month	1575		kWh/month
Units generation per year	18900		kWh/year
CO2 emission reduction/year	16.07		tonnes of CO2e
Cost saving	17577		INR/month
Investment	630000		INR
Payback period	2.99		year




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-41.

CO₂ EMISSION REDUCTION

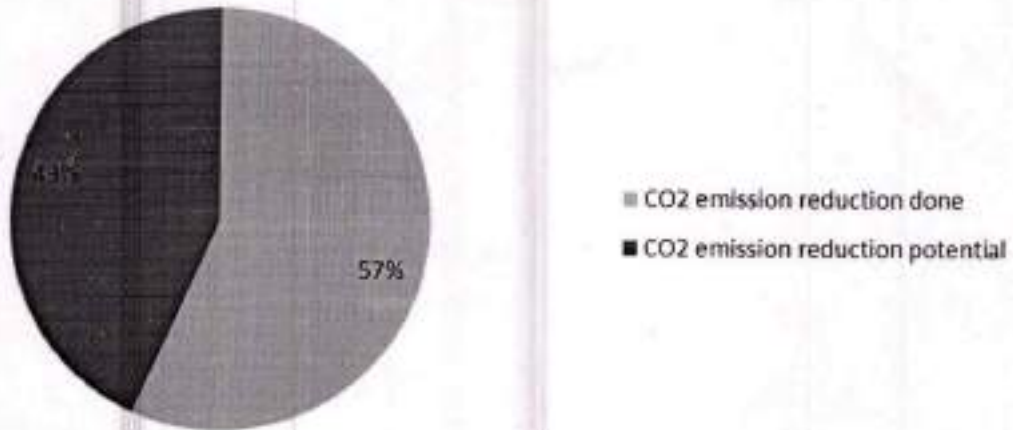
CO ₂ emission reduction done due to new energy efficient and renewable energy		
Energy saved by new energy efficient technology	1680	kWh/year
Energy saved by renewable energy	27000	kWh/year
Total CO ₂ emission reduction/year achieved	24.38	tonnes of CO ₂ e

CO ₂ emission reduction potential		
Energy saving potential by new energy efficient technology	2988	kWh/year
Energy saving potential by renewable energy	18900	kWh/year
Total potential of CO ₂ emission reduction/year	18.61	tonnes of CO ₂ e

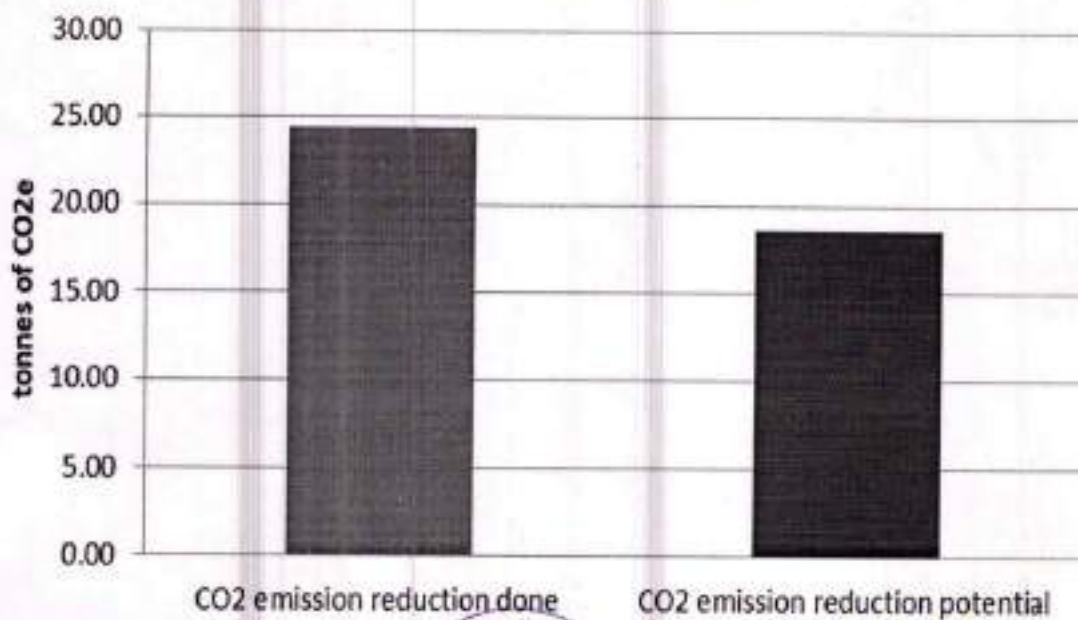



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

% CO2 emission reduction done and having potential in tonnes of CO2e





CO2 emission reduction



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

ENERGY CONSERVATION BY SAVING OF WATER

1. TAP WATER REDUCER

Conventional Tap water system	Tap water system with Reducer
	
<p>Existing tap water system uses more water while during purpose of washing of utensils, hands etc in college.</p>	<p>Used reducer to tap water for purpose of washing of utensils, hands etc which reduces flow of water and ultimately saves the water.</p>
<p>⊘</p>	<p>√</p>

RECOMMENDATION

It is recommended that to use water reducer for water taping for save the water.



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

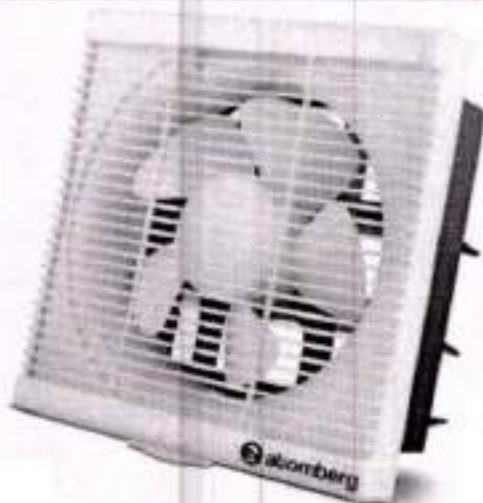


ANNEXTURE

ENERGY EFFICIENT FANS



28 watts



18watts or 8 watts as per size and load

[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aurangabad, Pune-67



7.1.3

Green Audit

Report

2020-21



CERTIFICATE

ENERFUTURE TECHNOLOGY PRIVATE LIMITED
Verified and Certified that



RAYAT SHIKSHAN SANSTHA'S
DR BABASHAEB AMBEDKAR MAHAVIDYALAYA

*85, Sarkar Wada, Ward No: B

Aundh Gaon, Pune-411 067, Maharashtra

Phone No: 020 25466271/73

E-mail Id: bdacollgcs@gmail.com

Website: <https://www.dbacap.edu.in/>

HAS CARRIED OUT

GREEN AND ENVIRONMENT AUDIT

AS PER GUIDANCE LAID DOWN IN THE
INDIAN STANDARDS AND CODES
IN 2019-20

This certificate is valid for 2 years from 2019-20 and 2020-21

Vinay Mulay
M.Tech (Energy Studies),
Certified BEE Energy Auditor
(EA-10853), Lead Auditor-ISO-
50001

Chetan Nemade
M.Tech (Energy Studies), Advance
Diploma
in Industrial Safety (ADIS),
BEE Certified Energy Manager (EA-
22697)

Yogesh Kuwar
M.Tech (Energy Studies),
Certified BEE Energy
Manager (EA-33078),
PGDLP, IGBCTM AP-
AN021EK7



PRINCIPAL
PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.
Aundh, Pune-67.

www.enerfuture.com



Energy Audit

Report

2020-21

7.1.3

Green Audit

Certificate

2019-20



2019-20



CERTIFICATE

ENERFUTURE TECHNOLOGY PRIVATE LIMITED
Verified and Certified that



RAYAT SHIKSHAN SANSTHA'S
DR BABASHAEB AMBEDKAR MAHAVIDYALAYA

*85, Sarkar Wada, Ward No: 8
Aundh Gaon, Pune-411 067, Maharashtra
Phone No: 020 25466271/73
E-mail id: bdhacollege@gmail.com
Website: <https://www.dhacap.edu.in/>

HAS CARRIED OUT

GREEN AND ENVIRONMENT AUDIT

AS PER GUIDANCE LAID DOWN IN THE
INDIAN STANDARDS AND CODES
IN 2019-20

This certificate is valid for 2 years from 2019-20 and 2020-21



Vinay Mulay
M.Tech (Energy Studies),
Certified BEE Energy Auditor
(EA-10853), Lead Auditor-ISO-
50001



Chetan Nemade
M.Tech (Energy Studies), Advance
Diploma
in Industrial Safety (ADIS),
BEE Certified Energy Manager (EA-
22697)



Yogesh Kuwar
M.Tech (Energy Studies),
Certified BEE Energy
Manager (EA-33078),
PGDELP, IGRCTM AP-
AA02EEK7



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

www.enerfuture.com



Green Audit

Report

2019-20



GREEN (ENVIRONMENT) AUDIT REPORT

RAYAT SHIKSHAN SANSTHA'S



DR BABASHAEB AMBEDKAR MAHAVIDYALAYA

85, Sarkar Wada, Ward No: 8

Audh Gaon, Pune-411 067, Maharashtra

Phone No: 020 25466271/73

E-mail Id: bdbacollege@gmail.com

Website: <https://www.dbacap.edu.in/>

Conducted and Submitted by



ENERFUTURE TECHNOLOGY PRIVATE LIMITED

301, Above Ekbote Hospital,

Revenue Colony, J.M.Road,

Pune-411005

Website: <http://www.ienerfuture.com>

E-mail: info@ienerfuture.com

Telephone: +91- 9960041642, 9405065597


PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





ACKNOWLEDGEMENT AND CONCEPT

Enerfuture Technology thanks the management of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune for assigning this important work of Green Audit of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune

Green audit is defined as a formal examination of practices adopted and their effects on the environment, by an organization. It is also widely known as Environmental Audit.

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 accepts that their environment performance should be scrutinized to understand its impact and to take remedial measures to lessen it.

Environmental auditing is used to:

1. Investigate
2. Understand and
3. 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 environment auditor studies an organization's environment effects in a systematic and documented manner and produces an environmental audit report.

Green audit for an educational institution mainly examines the following systems

1. Renewable/ green energy usage
2. Water management
3. Biodiversity
4. Health and safety management
5. Sanitation management
6. Adopted Green practices


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Contribution of college's team is equally important in this venture. Team of technical experts from Enerfuture Technology Private Limited is grateful to all the following personnel of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune for their kind cooperation, furnishing required data, analysis report and support offered during our visit.

Name	Designation
Dr. Arun Andhale	Principal
Dr Ramesh Randive	Vice-Principal
Dr Rajendra Rasakar	Assistant Professor
Prof Sushilkumar Gujar	Assistant Professor
Dr Savita Patil	IQAC Coordinator

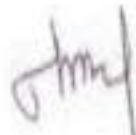
We are also thankful to the other staff members who were actively involved while taking measurements and conducting field study.

STUDY TEAM

Sr No	Name	Qualification
1	Mr. Chetan Nemade	M.Tech (Energy Studies), Advance Diploma in Industrial Safety (ADIS), LLB(pursuing), BEE Certified Energy Manager
2	Mr Vinay Mulay	M.Tech (Energy Studies), ISO 50001 Lead Auditor, BEE Accredited Energy Auditor
3	Mr Swapnil Gaikwad	M.Tech (Energy Studies), ISO 50001 Lead Auditor , BEE Certified Energy Auditor
4	Mr YogeshKumar	M.Tech (Energy Studies), IGBC, Post Graduate Diploma in Environmental law and Policy (PGDELP), BEE Certified Energy Manager
5	Mr Swapnil bedre	BE Mechanical

LIST OF INSTRUMENTS USED

1. Lux meter (Meco)
2. TDS meter
3. CO2 meter
4. Air quality measure meter
5. Sound dB meter




PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





CONTENTS

EXECUTIVE SUMMARY	8
COLLEGE INTRODUCTION	11
INTRODUCTION	11
SILENT FEATURES OF THE COLLEGE	12
MISSION	12
VISSION	12
OBJECTIVES	13
LOCATION	14
RENEWABLE ENERGY SYSTEMS	15
1. SOLAR PHOTOVOLTAIC SYSTEM- ELECTRICAL ENERGY GENERATION	15
OBSERVATION	15
EXISTING SOLAR PV SYSTEM IN COLLEGE PREMISES	15
PROPOSED SOLAR PV SYSTEM IN COLLEGE PREMISES	17
2. SOLAR WATER HEATING SYSTEM- HOT WATER GENERATION	20
OBSERVATION	20
WASTE MANAGEMENT SYSTEMS	22
1. COMPOSTING	22
OBSERVATION	22
2. BIO-GAS GENERATION	24
OBSERVATION	24
RECOMMENDATION	24
SAVINGS MEASURES	25
SAVINGS DUE TO BIO GAS PLANT	25
WATER QUALITY AND MANAGEMENT SYSTEMS	26
1. TDS LEVEL OF WATER	26


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





INTRODUCTION.....	26
OBSERVATION.....	27
OBSERVATION.....	27
2. RAIN WATER HARVESTING- COLLEGE PREMISES.....	28
OBSERVATION.....	28
3. WATER TAP REDUCER.....	29
OBSERVATION.....	29
RECOMMENDATION.....	29
AIR QUALITY.....	30
INTRODUCTION.....	30
OBSERVATION.....	31
SOUND COMFORT/QUALITY.....	37
INTRODUCTION.....	37
OBSERVATION.....	38
DAY LIGHT ILLUMINATION/COMFORT.....	41
INTRODUCTION.....	41
OBSERVATION.....	41
HEALTH AND SAFETY MANAGEMENT AND INFRASTRUCTURE.....	45
1. COLLEGE INFRASTRUCTURE.....	45
INTRODUCTION.....	45
OBSERVATION.....	45
ASSESSMENT OF COLLGE CAMPUS BUILDING INFRASTRUCTURE.....	46
2. HEALTH AND SAFETY MANAGEMENT.....	47
OBSERVATION.....	47
GENERAL RECOMMENDATIONS.....	54
NO VEHICLE DAY INITIATIVE.....	55

Principal
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





OBSERVATION	55
RECOMMENDATION	57
OTHER ENERGY EFFICIENT, GREEN, HEALTH, WASTE PRACTICES BY THE COLLEGE MANAGEMENT ...	58
1. SOLID WASTE MANAGEMENT (SCRAPS LIKE PLASTIC, PAPER ETC)/ E- WASTE MANAGEMENT/ CLEANILNESS DRIVE/CAMPAIGN	58
INTRODUCTION	58
E-WASTE MANAGEMNT	58
OBSERVATION	59
2. TREE PLANTATION, SOIL CONSERVATION ETC.....	63
INTRODUCTION.....	63
OSERVATION	63
3. ENERGY EFFICIENT TECHNIUES	65
INTRODUCTION	65
OSERVATION	65
REFERENCES AND STANDARDS	67



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





EXCECUTIVE SUMMARY

Sr No	Location	Area	Objective/Purpose	Recommendation/Status
1	College building	Solar Photovoltaic System- 5kWp	To generate electrical energy by renewable sources and reduce the CO2 emissions	Implemented
2	Girl's hostel building	Solar Photovoltaic System- 15kWp	To generate electrical energy by renewable sources and reduce the CO2 emissions	Implemented
3	College campus	Composting	Reduces the landfill pollution and greenhouse gases reduction. Also produce bio-fertiliser compost to trees in the college campus	Implemented
4	All buildings of college	Tap water reducers	To save the water	Can be implement
		Hands free water tap system	This saves the water and also good for personal health protection to avoid frequent hand touching to water taps.	Can be implement
5	College buildings	Rain water harvesting	Save water. Increases the groundwater recharge.	Implemented

Principal
Dr. Babasaheb Ambedkar College,
Aundh, Pune-411 007



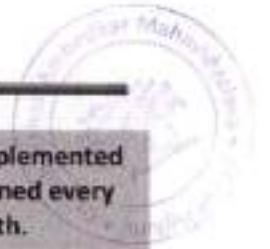


6	College buildings/campus	Air Comfort/ Quality	Air quality for human being comfort	Aspirational
7	College buildings/campus	Sound Comfort/ Quality	Sound quality or comfort for human being comfort	Within permissible limits
8	College buildings/campus	Daylight Comfort/Illumination	Daylight illumination for human being comfort	Within permissible limits
			Electrical safety- electrical wiring, connections etc	Need to be improve
			Electrical safety- unwanted materials are placed in electrical panel rooms	Need to be remove
9	College buildings/campus	Health and Safety Management	Fire safety- number of fire extinguishers are placed in college campus	Good
			Fire safety- Regularly maintenance of fire extinguishers.	Good
			Unwanted material placed in college campus	Need to place properly
10	College buildings/campus	No vehicle day	Save the conventional fuel and reduces the CO2 emissions.	Implement on each 1t of every week
11	College buildings/campus	Waste management- E-waste	Reduce the CO2 emissions by recycling of solid waste. Also Save environment from hazardous materials.	Implemented by signing MOU with E-waste management company and doing regular drives


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.




PRINCIPAL
 Dr. Babasaheb Ambedkar College,



12	College buildings/campus	Waste management- Solid waste	Reduce the CO2 emissions by recycling of solid waste	Regularly implemented and maintained every month.
15	College buildings/campus	Tree plantation/ Green belt cover	To increase the forest cover. Reduce the Air, Noise pollution, reduce CO2 emissions etc	Regularly implemented every year
16	College buildings/campus	Cleanliness drive and awareness campaign or poster competitions etc	Swatch Bharat Mission (SBM), Swatch Bharat Abhiyan (SBA), or Clean India Mission etc initiative by college	Regularly conducted by college
17	College buildings/campus	Plastic free campaign	Save environment from non-recycling and hazardous materials.	Taken regular drive n subject
18	College buildings/campus	Energy efficient or Innovative techniques	LED lightings, Motion sensor lightings, VRV system for cooling purpose, directions of windows etc	Good initiative

PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





COLLEGE INTRODUCTION

INTRODUCTION



Rayat Shikshan Sanstha Satara

"Education through self-help is our motto."

This college is a grant-in-aid institution affiliated to Savitribai Phule Pune University. It has been established in 1983 and included under sections 2(f) and 12(B) of the UGC Act and has been receiving grants regularly. College is re-accredited with B++ Grade with CGPA of 2.76 by NAAC in 2017. The college offers courses like B.A., B.Com, B.B.A.(Computer Application) , B. Voc.(Retail Marketing and Management) M.A. Economics, M.A. Marathi and M. Com. Along with academic programs college also offers two COC and twenty seven skill and job oriented courses. The college has received several grants for Major and Minor Research projects from UGC and Savitribai Phule Pune University. The College also pays equal attention to faculty improvement and research. College has well qualified and research oriented faculty out of 13 permanent faculty, eight are with Ph.D. and two with M.Phil. and three are doing Ph.D. Almost all faculty members have completed major or minor research projects. College has organized 27 seminars and conference and 47 workshops. Several support services are provided to the students like ladies hostel, NSS, sports, YCMOU, cultural unit etc. Several support services are provided to the students like ladies hostel, NSS, sports, YCMOU, cultural unit etc. The college also publishes its annual magazine 'Aksharkumaya', wall paper 'Aksharrang', hand written 'Vanijyavishwa' and 'Arthvishwa', book reviews and Newsletters. Majority of the students are from rural and slum area. They belong to economically and socially backward classes. To cop up with the new atmosphere, we organize orientation remedial, special guidance scheme, bridge courses, counselling and computer courses for students. College was

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





awarded with Karmveer Paritoshik by Rayat Shikshan Sanstha, Jaggnath Rathi award for extension activities by Savitribai Phule Pune University, Savitribai Phule Best Sanstha by Rashtriya Bandhuta Parishad.

SILENT FEATURES OF THE COLLEGE

- A Branch of Rayat Shikshan Sanstha which was founded by a great visionary Padmabhushan Dr. Karmveer Bhaurao Patil.
- Affiliated to Savitribai Phule Pune University, Pune.
- Accredited by NAAC with 'B++' Grade with CGPA of 2.76 by NAAC in 2017.
- Best college Award by Rayat Shikshan Sanstha.
- NSS Best College Unit Award by SPPU.
- Jaggnath Rathi Award for social awareness by Savitribai Phule Pune University, Pune.
- Adequate infrastructure with spacious classroom.
- Language Laboratory.
- Commerce Laboratory.
- Computer Laboratory.
- Adequate IT infrastructure.
- Well qualified and dedicated teaching faculty.
- Twenty-seven skill and job-oriented courses.
- Excellent organization seminars and workshops.
- Competitive Examination Guidance Centre.
- Banking Examination guidance Centre.
- Police Pre-recruitment Training Centre.
- Ladies hostel facility.
- Automated Library with library website and Institutional Repository for e-collection.
- National players.
- Good Research culture.

MISSION

We are committed to educate educationally, socially and economically backward people and bring about a positive change among them and thereby serve the nation.

VISSION

To impart quality education too socially, economically and educationally downtrodden through self-help and bring them in the main stream of the nation.


PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





OBJECTIVES

- To generate physically, spiritually and academically sound, young, properly motivated graduates who know the importance of social and civil responsibilities.
- To develop the overall personality of students.
- Education through self-help and dignity of labour
- To educate socially and economically backward students.
- To promote women education.
- To promote the research activities.
- To have interaction with the society through co-curricular activities to acquaint the basic needs and problems.



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



RENEWABLE ENERGY SYSTEMS

1. SOLAR PHOTOVOLTAIC SYSTEM- ELECTRICAL ENERGY GENERATION

OBSERVATION

1. In college premises, there are two Solar Photovoltaic Systems are installed for the purpose of kWh units generation
2. Total capacity of Solar Photovoltaic System is 15kWp and 5kWp respectively.
3. Current average energy consumption of the college is 1600 kWh per month.
4. College still has huge rooftop space available for Solar PV system to expand up to 14kWp

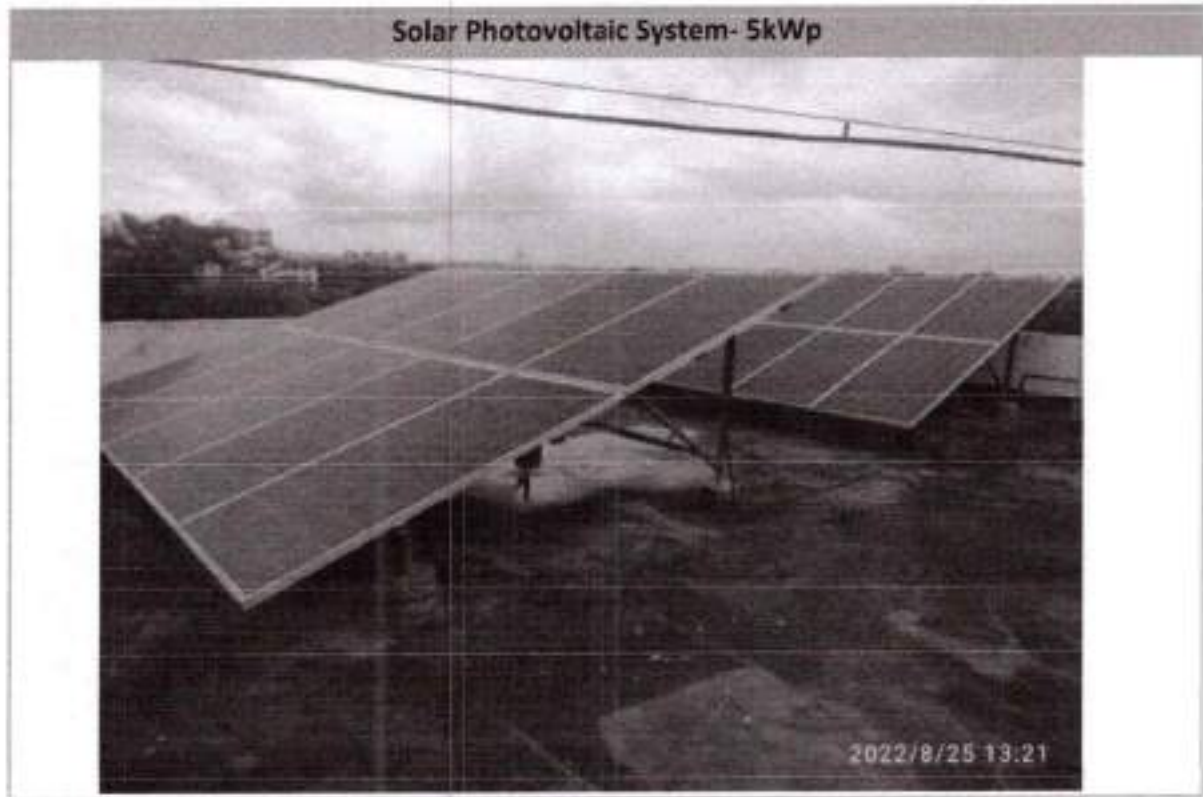
EXISTING SOLAR PV SYSTEM IN COLLEGE PREMISES

Solar Photovoltaic System- 15kWp



PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-411 007.





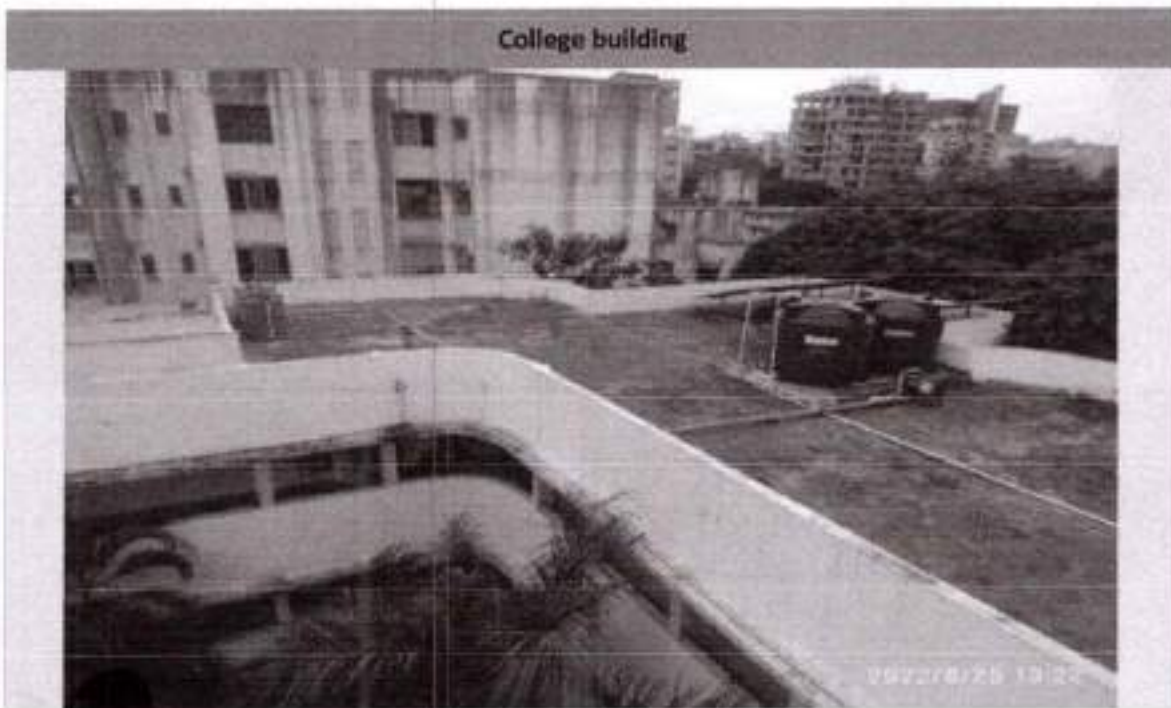
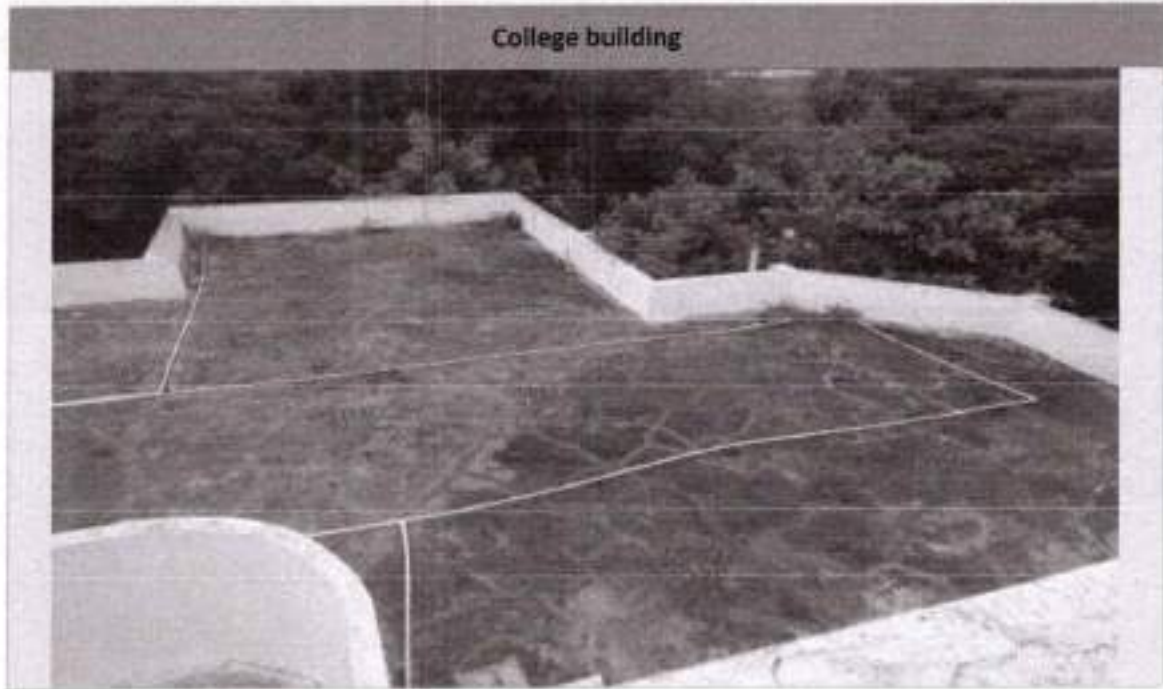
Existing Solar PV system			
Total capacity of Solar PV system	20		kWp
Units generation per month	2250		kWh/month
Units generation per year	27000		kWh/year
CO2 emission reduction/year	22.95		tonnes of CO2e


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



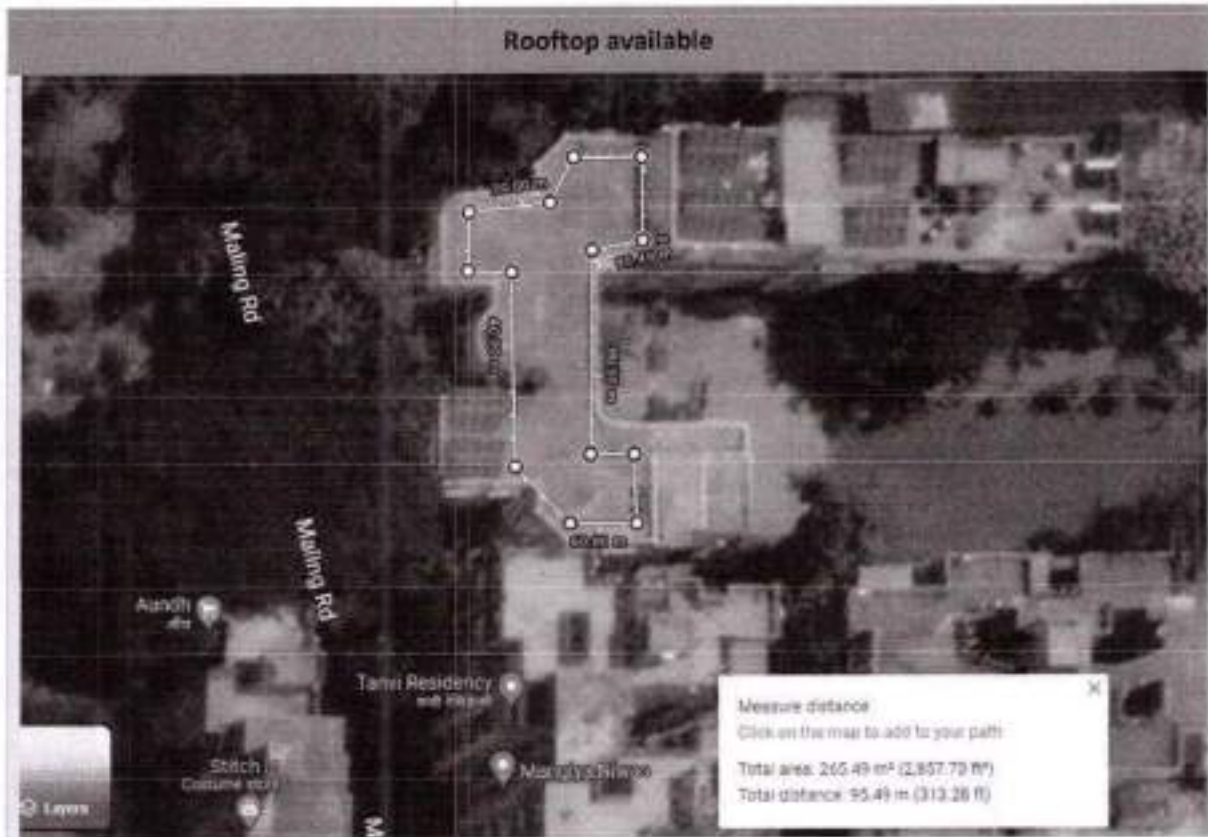


PROPOSED SOLAR PV SYSTEM IN COLLEGE PREMISES



PRINCIPAL
Dr. Babasaheb Ambedkar
Aundh, Pune-67.





PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Savings due to Solar PV system additional			
Total Rooftop space available- approximate	2857	sqfoot	
Average energy consumption of main college building	1600	kWh/month	
Total capacity of Solar PV system can be installed	14	kWp	
Total solar unit generation	1575	kWh/month	
Average electricity unit rate	11.16	INR/kWh	
Total cost of Solar PV system	630000	INR	
Total saving	17577	INR/month	
Payback period	35.84	months	
Payback period	2.99	year	
CO2 emission reduction/year	16.07	tonnes of CO2e	



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

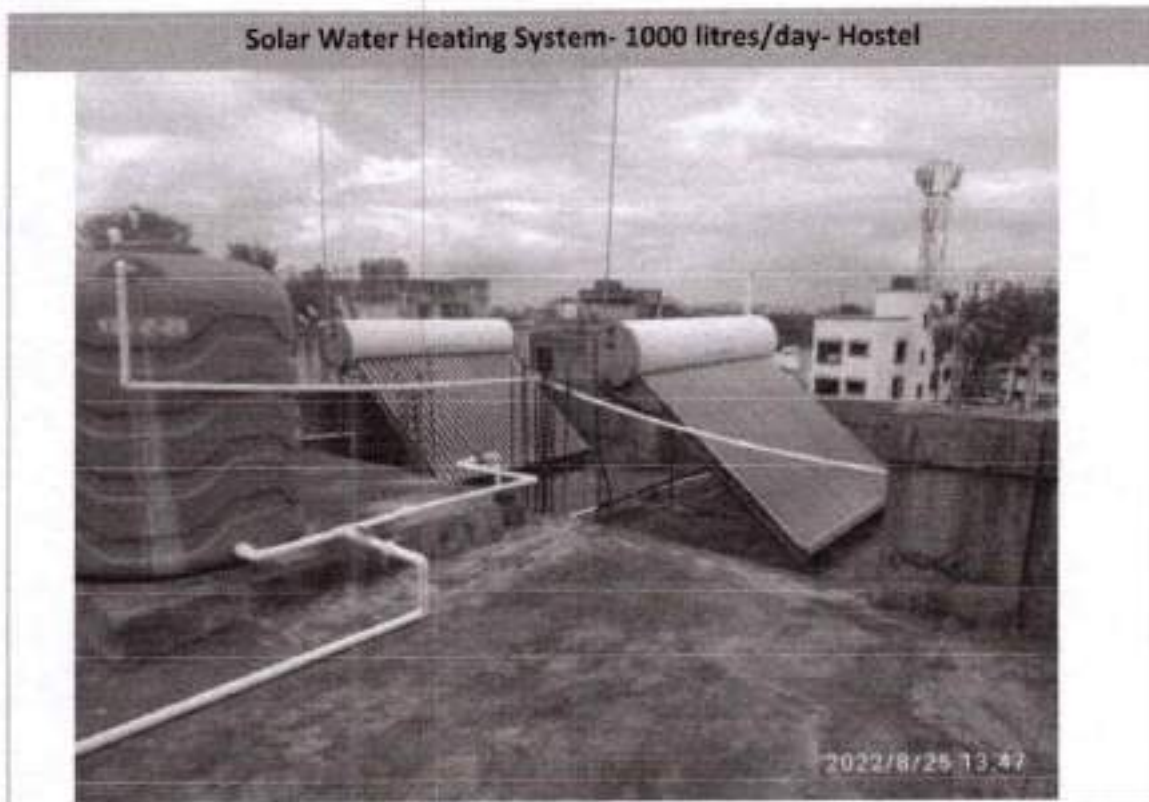




2. SOLAR WATER HEATING SYSTEM- HOT WATER GENERATION

OBSERVATION

1. In Girl's hostel, there is Solar Water Heating system is installed for the purpose of water heating instead of electric heaters.
2. Total capacity of Solar Water Heating system is 1000 litres/day.
3. Auxiliary heaters are not used in solar water heating system in the morning.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Solar water heater saving			
Particulars			
Hot water temperature	60		deg C
Cold water temperature	25		deg C
Temperature difference(delta T)	35		deg C
Volume of water	1000		lit
Volumetric flow	1000		lit/day
Hot water temperature	60		deg C
Enthalpy of cold water	25.04		kcal/kg
Enthalpy of Hot water	60		kcal/kg
Enthalpy difference	34.96		kcal/kg
Amount of heat used	34960		kcal
Power used for heating	40.65		kW
Monthly kWh	1239.86		kWh/month
Saving kWh	1239.86		kWh/month
Saving kWh	14878.33		kWh/year
Saving INR	15175.89		INR/month
CO2 emission reduction/year	12.65		tonnes of CO2e



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



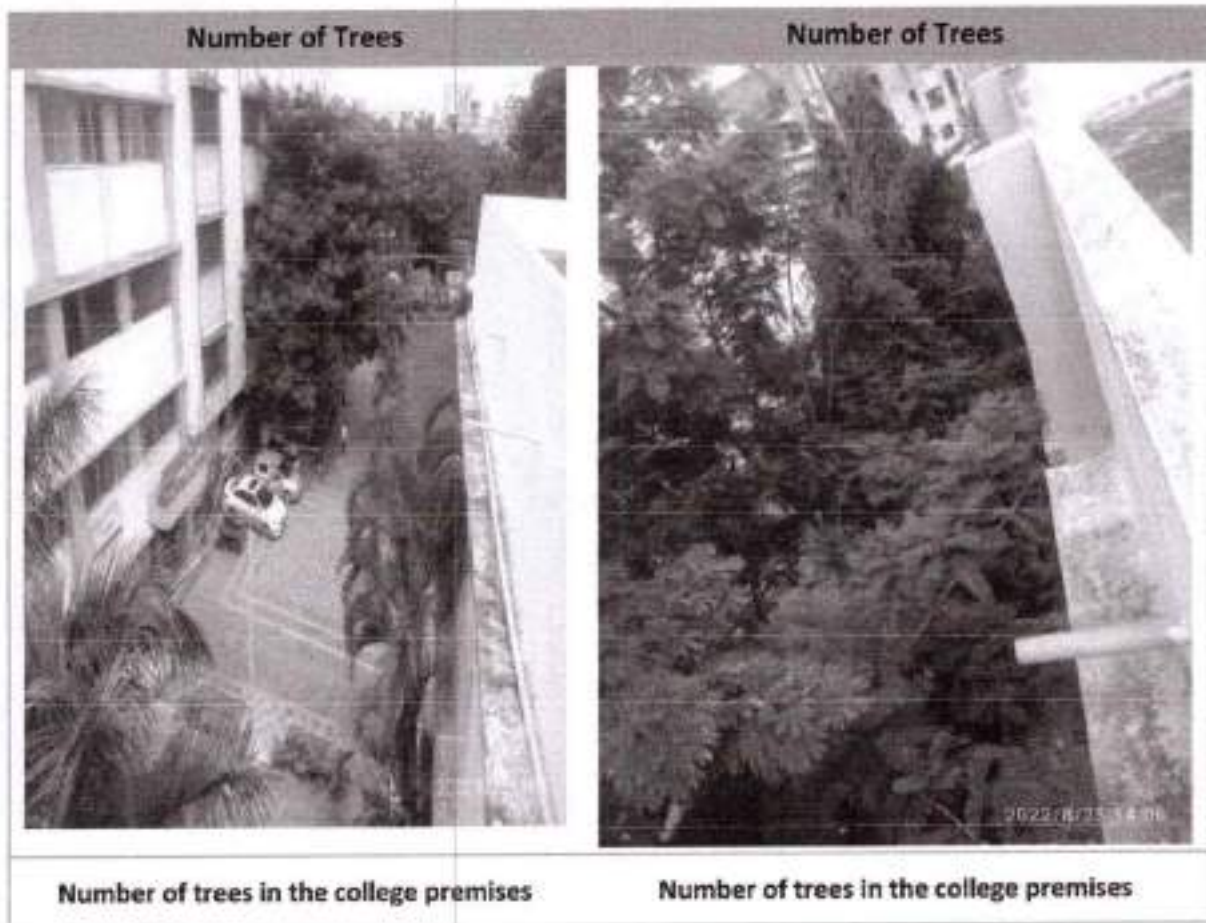


WASTE MANAGEMENT SYSTEMS

1. COMPOSTING

OBSERVATION

1. In college premises there are number of trees are planted by college management.
2. College also maintain every tree in the premises.
3. There is substantial amount of waste of tree leaves, shrubs are generated in the college premises.
4. In existing college have compost pits to generate compost from these generated waste.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Number of Trees



Number of trees in the college premises

Number of Trees



Number of trees in the college premises

Compost pits



Compost pits in college premises

Compost pits



Compost pits in college premises

[Handwritten Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





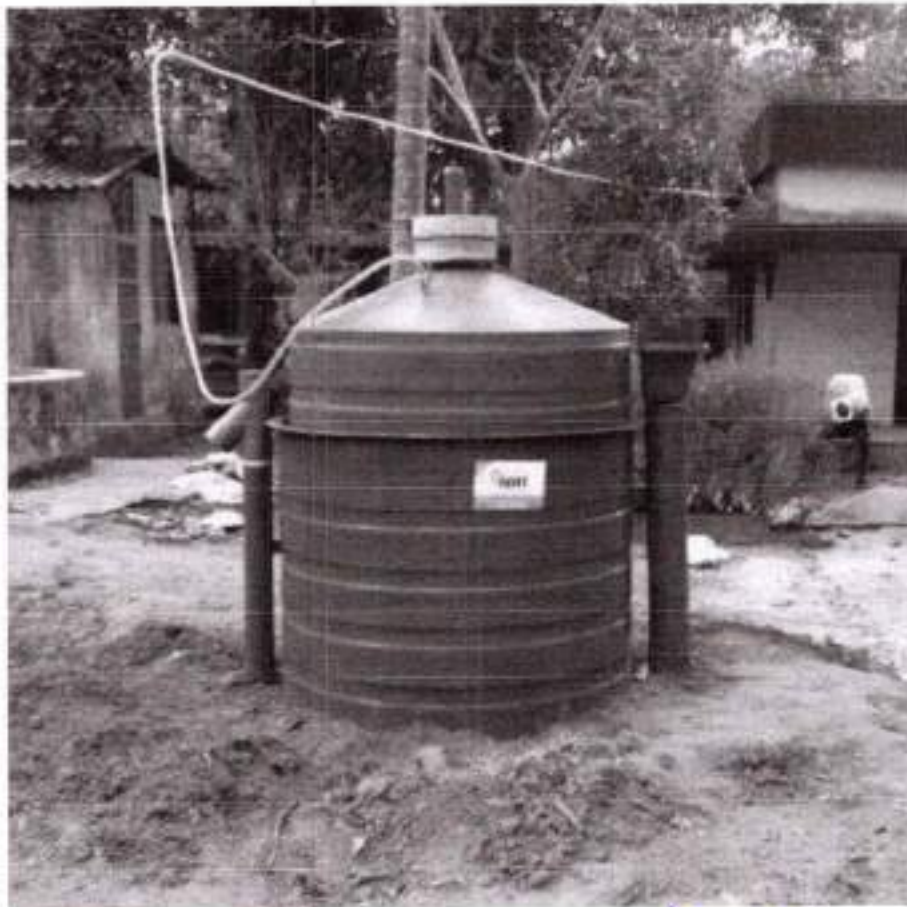
2. BIO-GAS GENERATION

OBSERVATION

1. In the college canteen approximately 10kg kitchen waste is generated daily.
2. Currently there is no any bio gas plant for generation of bio gas in the college.

RECOMMENDATION

1. It is recommended that installed the small capacity of bio gas plant at college canteen and girl's hostel for production of bio gas from kitchen waste generated daily.
2. Produced bio gas can be used for small purposes in the canteen instead of LPG which saves monthly approximate 1 cylinder of INR 1,500/-




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Pune.





SAVINGS MEASURES

SAVINGS DUE TO BIO GAS PLANT

Saving due to Bio gas plant			
Capacity of bio gas plant		10	kg/day
Waste generated		10	kg/day
Approximate bio gas generation		1	m3/day
Approximate bio gas generation		30	m3/month
Equivalent LPG gas saved		12	kg/month
Approximate LPG cylinder saved		1.0	nos
Cost saved		1500.00	INR/month



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





WATER QUALITY AND MANAGEMENT SYSTEMS

1. TDS LEVEL OF WATER

INTRODUCTION

The water we drink contains essential salts and minerals like calcium, potassium and magnesium, besides hydrogen and oxygen.

These minerals make up the acceptable levels of TDS (Total Dissolved Solids). Besides, these minerals, the source water contains heavy impurities like arsenic, antimony, lead, iron, etc. It also includes carbonates, fluorides, sulphides and other salts picked along the way. These contaminants enhance the TDS levels to unacceptable levels.

BIS (Bureau of Indian Standards) determines the TDS acceptability levels in drinking water. In India, drinking water can contain TDS up to 500 ppm. BIS has constituted the following table that could clarify the matters further.

TDS level (PPM)		Reasons for acceptability or non-acceptance
less than 50	Unacceptable	The water with these TDS level does not contain the minerals required for healthy growth
50 - 150	Acceptable	Such TDS levels are usually due to minor industrial contamination
150 - 250	Acceptable	BIS considers water with this TDS levels as the healthiest of all because it is excellent for cardiovascular health
250 - 350	Acceptable	Many areas in India depends on groundwater or bore wells for their water requirements. This water contains essential minerals hence is in acceptance range
350 - 500	Fair	The maximum TDS levels acceptable for human consumption is 500
above 500 - 1200	Not Acceptable	BIS does not recommend ant TS level above 500 as fit for human consumption. However, water with TDS levels up to 1200 can be subjected to purification using Reverse Osmosis(RO) technology to eliminate TDS and bring it down to acceptable levels



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.




OBSERVATION

1. Drinking water requirement of college is fulfilled by PMC (Pune Municipal Corporation) water.
2. Domestic water requirement of college is fulfilled by well in the college.
3. UV system is installed in the college for purification of well water.
4. TDS level of drinking water and domestic water as

TDS level of water

Drinking water

V- Not Acceptable


Domestic water

V- Acceptable

	TDS ppm	Acceptability
Drinking water	28	Not Acceptable
Domestic water	281	Acceptable

OBSERVATION

It is recommended that mixed small % ground water (after detailed water analysis) in drinking water to maintain TDS of drinking water above 50 ppm.


PRINCIPAL
 Dr. Babasaheb Ambedkar College
 Aundh, Pune-67.

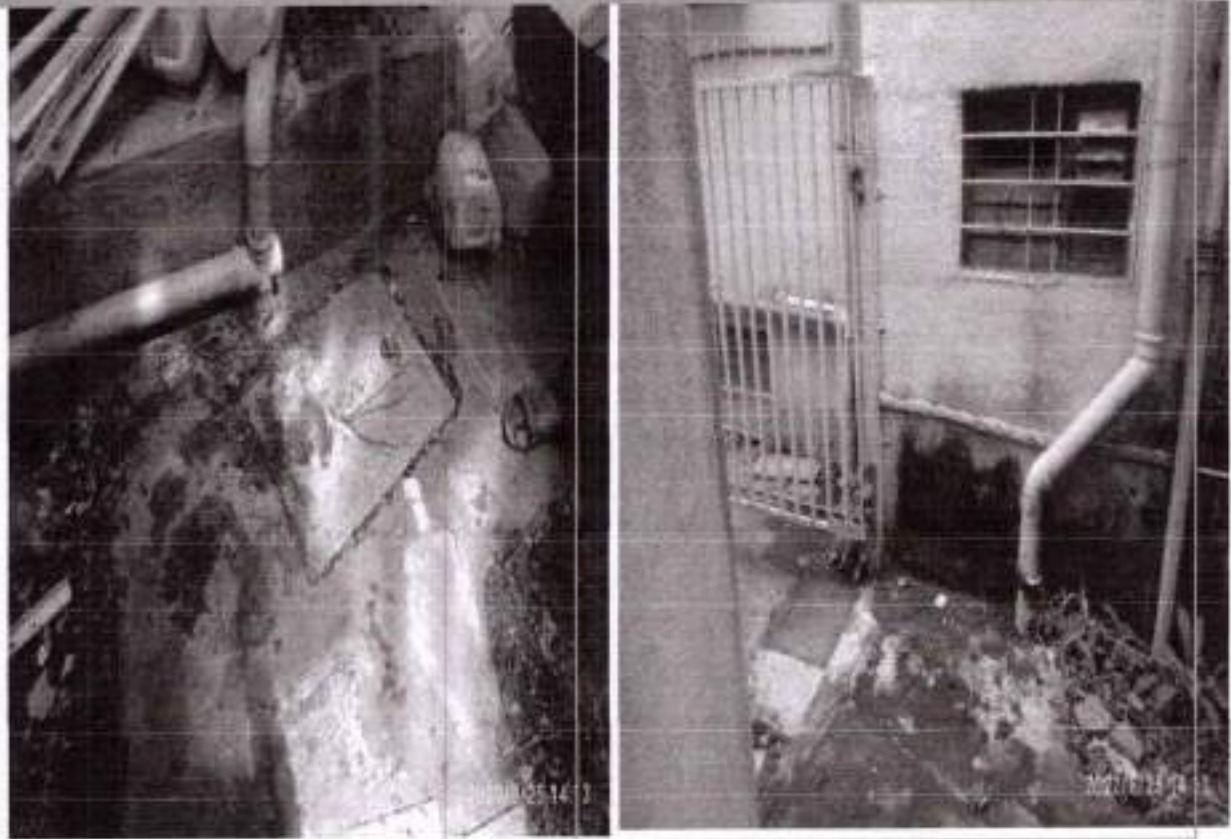


2. RAIN WATER HARVESTING- COLLEGE PREMISES

OBSERVATION

1. College have number of rain water recharge pits in the college premises to increase the groundwater recharge.
2. College also has taken initiative to expand rain water harvesting system.

Rain water harvesting system in college premises




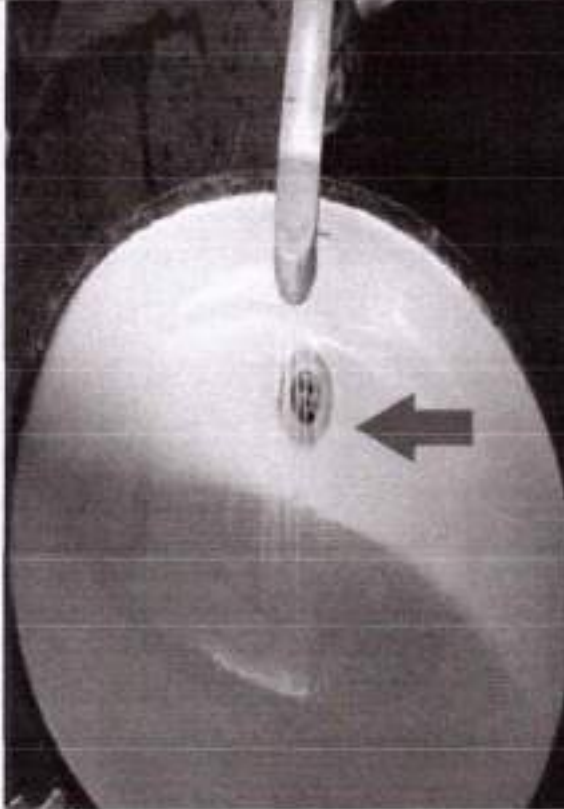
[Handwritten Signature]
PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

3. WATER TAP REDUCER

OBSERVATION

1. College has conventional water tap system in the area like bathrooms, toilets etc.
2. Conventional water tap system consumes or requires more water for the purpose of washings, cleanings etc.

Conventional Tap water system	Tap water system with Reducer
	
<p>Existing tap water system uses more water while during purpose of washing of utensils, hands etc in college.</p>	<p>Used reducer to tap water for purpose of washing of utensils, hands etc which reduces flow of water and ultimately saves the water.</p>
<p>⊗</p>	<p>√</p>

RECOMMENDATION

It is recommended that use the water reducer for water taping system. This helps saving the volume of water and subsequently energy cost of pumping also.

[Handwritten Signature]

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aarditi, Pune-67.



AIR QUALITY

INTRODUCTION

Indoor air is considered to be healthy when the air does not contains contamination in harmful concentrations and is acceptable when the majority of people feel satisfied. A human being breathes about 12,000 litres of air every day and is vital for our health. Exposure to hazardous airborne agents present in indoor space causes adverse effects such as respiratory and cardiovascular diseases, allergy and irritation of the respiratory tract and possibly leads to cancer.

Main source of indoor air pollutants are from outdoor air, household cooking (especially cooking with biomass or frying), tobacco smoking, polluted ambient air, cleaning agents, resuspension of dust during the cleaning activities, construction materials and paints, copy machines and printers as well as other human activities. Ambient air pollutant sources are vehicle emissions, thermal power plants, biomass burnings, construction work, unattended debris, open sewage pipes, fossil fuel based power generation and various industrial processes etc.

Threshold values for indoor air quality parameters				
Parameters	Classification			
	Class A	Class B	Class C	
Level	Aspirational	Acceptable	Marginally acceptable	
CO ₂	Ambient+350	Ambient+500	Ambient+700	ppm
PM _{2.5}	<15	<25	<25	ppm
PM ₁₀	<50	<100	<100	ppm
HCHO	30			ppm
TVOC	<200	<400	<500	ppm
Occupational satisfaction	90	80	-	%

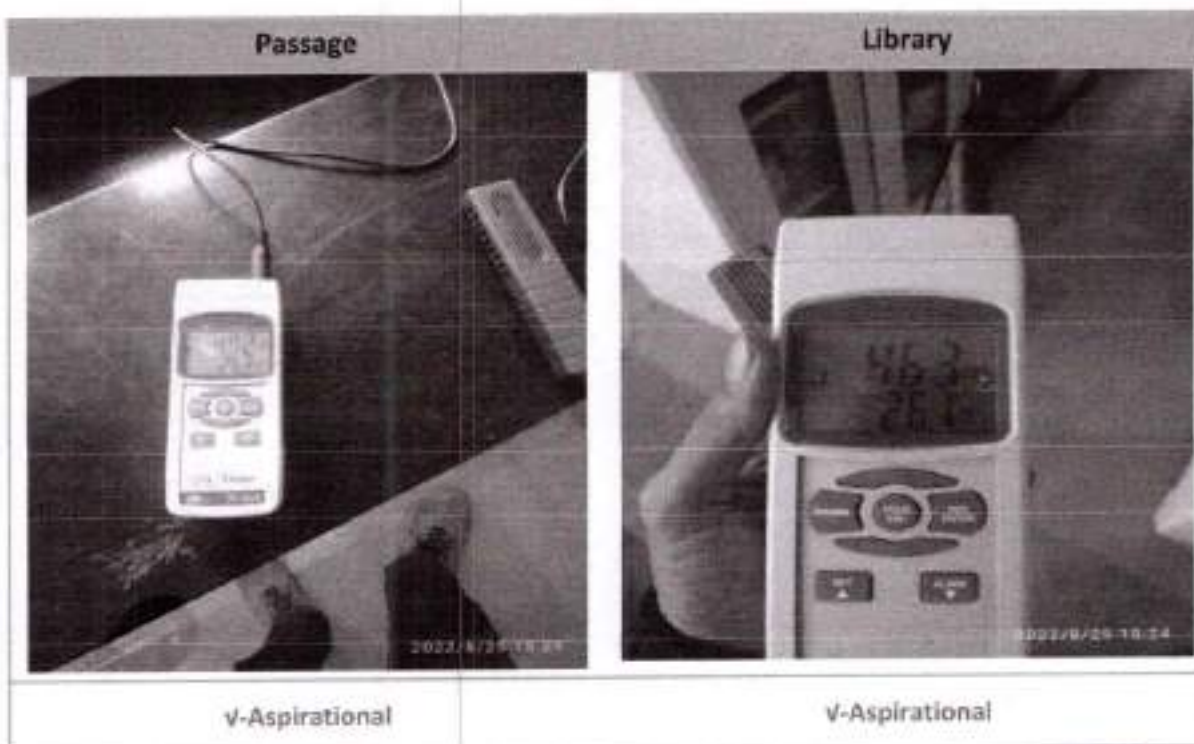
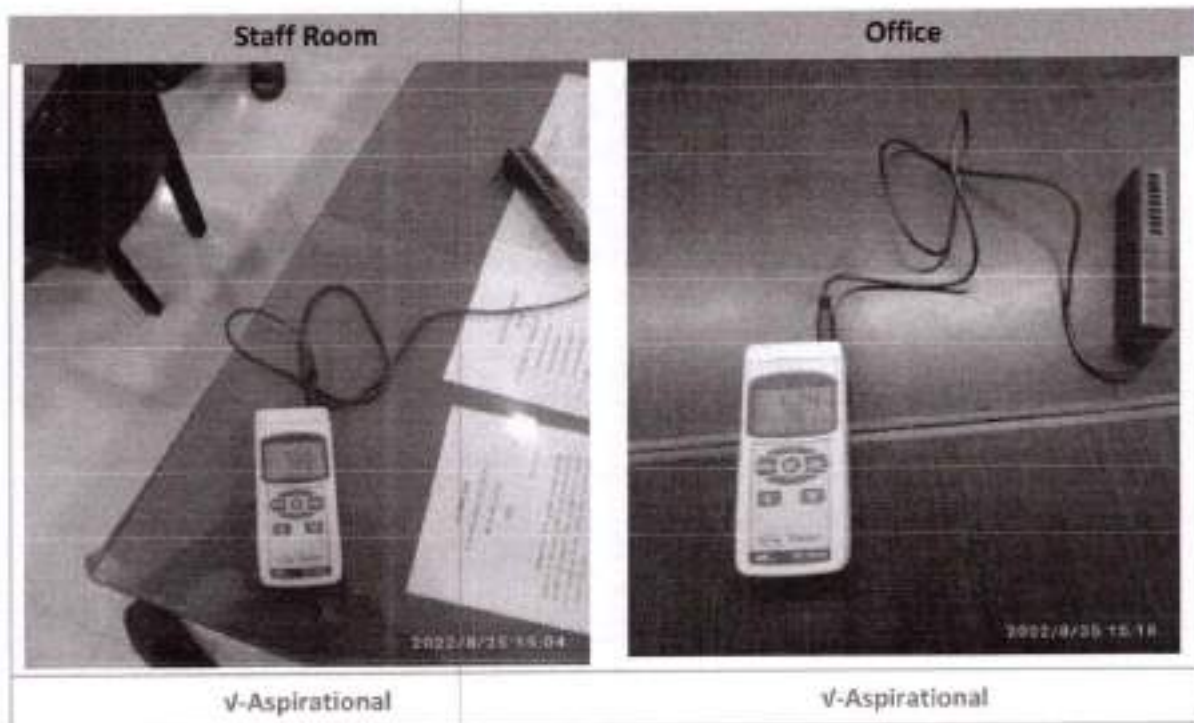


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aurangabad, Pune-67.



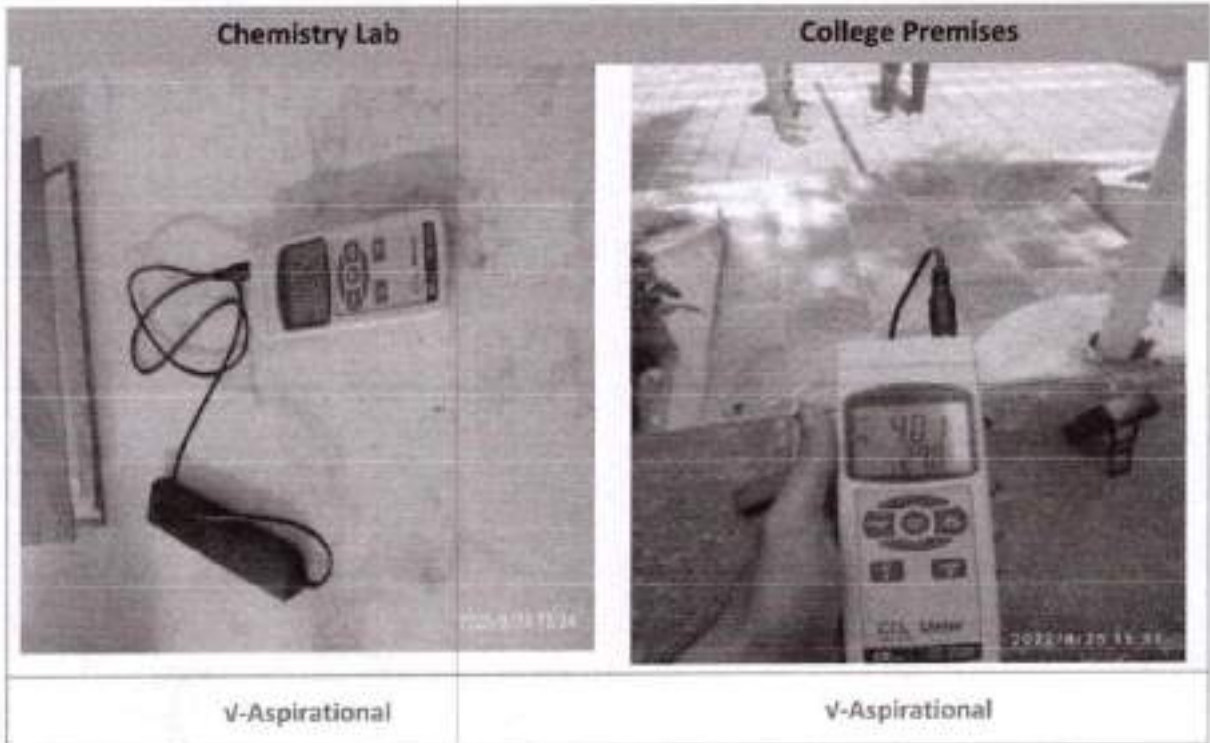
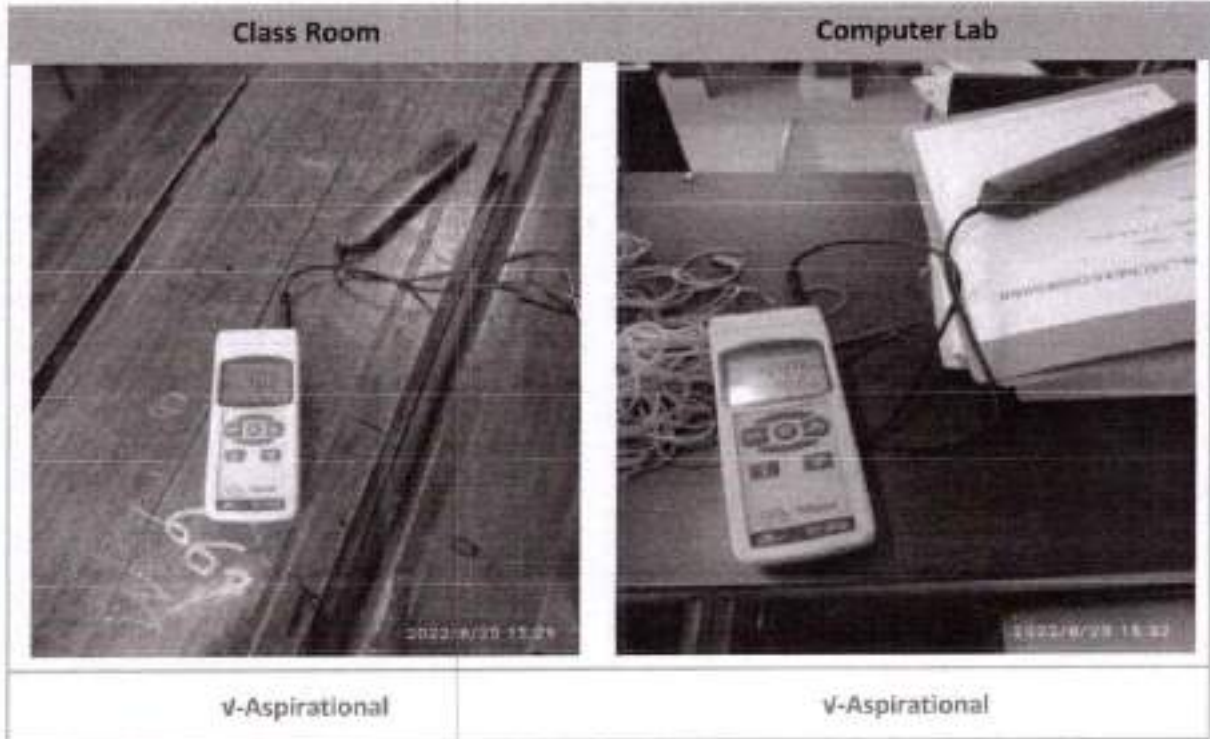
OBSERVATION

- 1. In college air quality is at good/ aspirational level.



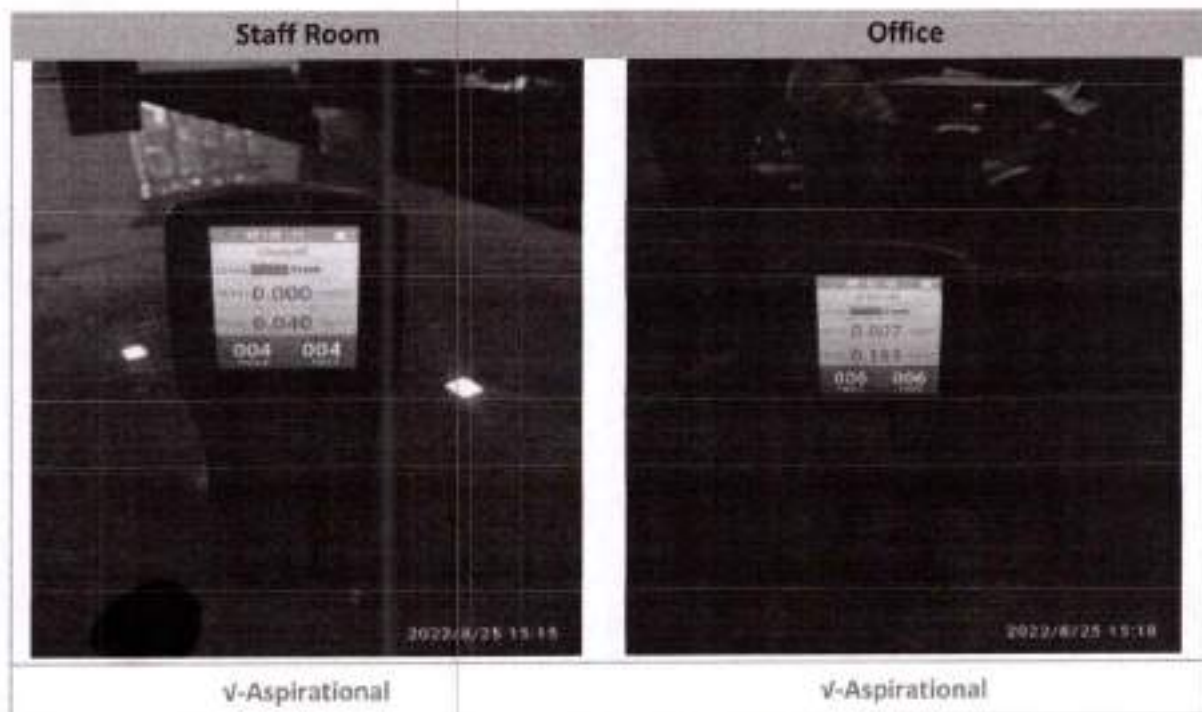
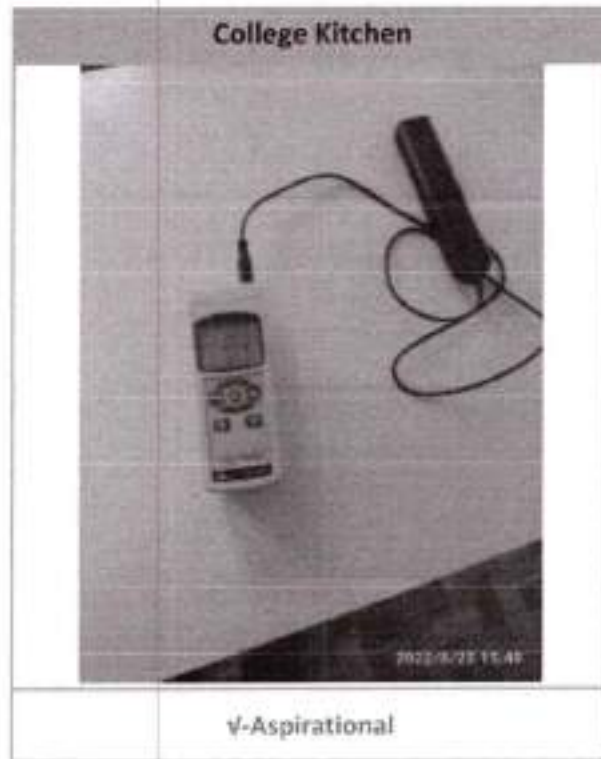
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.






PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.


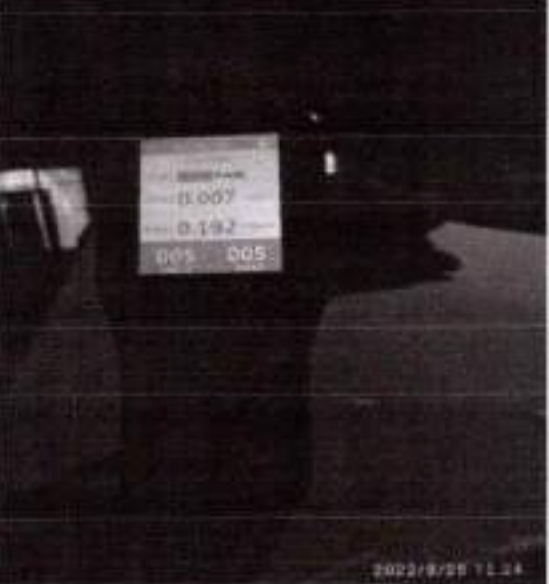



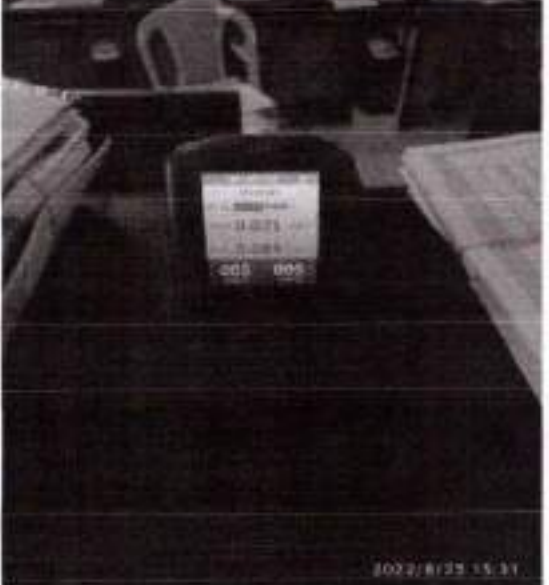


[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



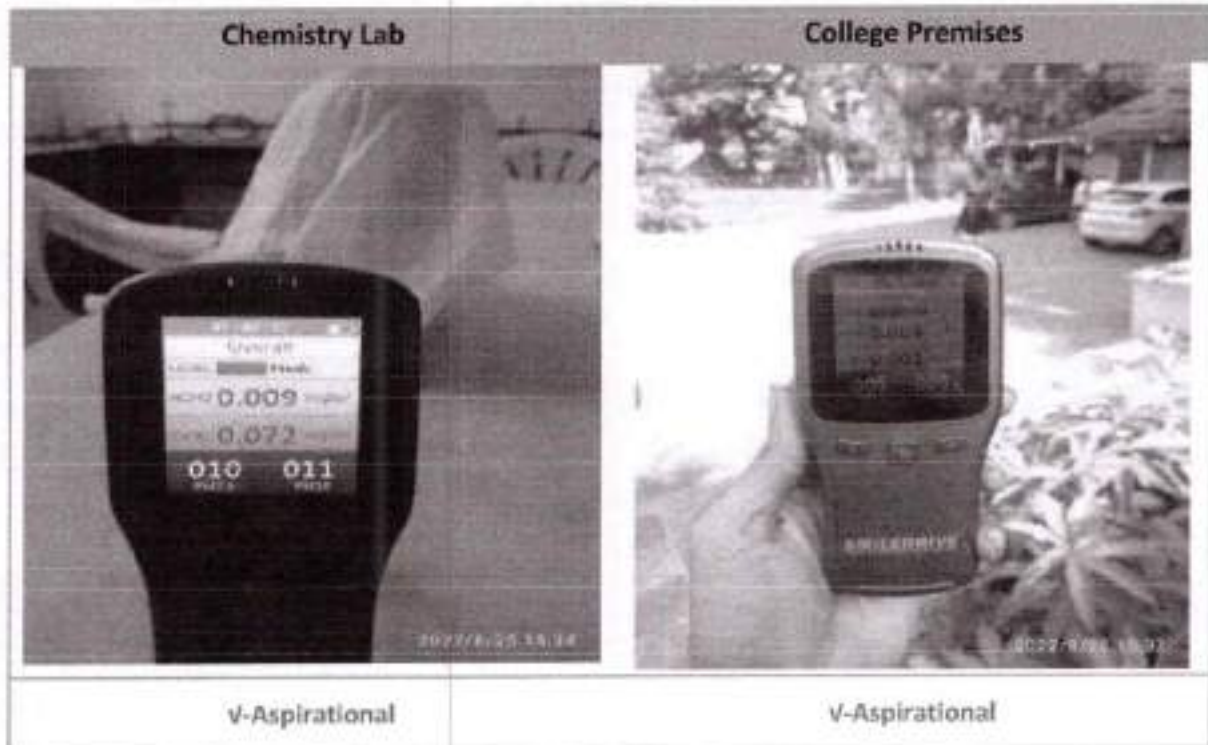


Passage	Library
 <p>2022/8/25 16:21</p>	 <p>2022/8/25 12:24</p>
v-Aspirational	v-Aspirational

Class Room	Computer Lab
 <p>2022/8/25 15:29</p>	 <p>2022/8/25 15:31</p>
v-Aspirational	v-Aspirational


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





~~PRINCIPAL~~
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Location	CO2	PM2.5	PM10	HCHO	TVOC	Level
	ppm	ppm	ppm	ppm	ppm	
Staff Room	446	4	4	0	40	Aspirational
Office	524	6	6	7	183	Aspirational
Passage	472	5	5	7	178	Aspirational
Library	463	5	5	7	192	Aspirational
Class Room	409	5	5	4	66	Aspirational
Computer Lab	444	5	5	21	85	Aspirational
Chemistry Lab	482	10	11	9	72	Aspirational
College Premises	401	5	5	4	1	Aspirational
College Kitchen	380	5	5	7	3	Aspirational


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-41.





SOUND COMFORT/QUALITY

INTRODUCTION

Noise is unwanted sound. Ambient noise is all encompassing noise associated with any given environment and is usually a composite of sounds from many sources near and far. Any abnormal sound which irritates human being is called as noise pollution.

Noise is one of the undesirable products of technological civilization. Admits this civilization wherever we go, noise surrounds us. The roar of traffic, the passage of trains and aeroplanes, the bustle of crowds and the working of industry and the public utilities deafens our ears. Even home is invaded by noise. The noise from whatever source it comes from is undoubtedly, physiologically as well as psychologically harmful. Invading environment in dangerous proportions, it is an invisible but insidious form of pollutant. Noise as a potentially harmful pollutant is being recognised as a great nuisance these days affecting the quality of the particularly, in urban areas.

The Environment (Protection) Act, 1986, under Sec. 6 has mentioned "Rules to regulate environment (Protection) Act, 1986, under Sec. 6 has mentioned "Rules to regulate environmental pollution". This section has explained the maximum allowable limits of concentrations of various environmental pollutants (including noise) for different areas.

Air quality standards in respect of Noise				
Area code	Category of Area/ Zone	Limits/Levels		
		Day Time	Night Time	
A	Industrial area	75	70	
B	Commercial area	65	55	
C	Residential area	55	45	
D	Silence zone	50	40	





PRINCIPAL



Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





OBSERVATION

Staff Room	Office
	
v-within permissible limits	v-within permissible limits

Passage	Library
	
v-within permissible limits	v-within permissible limits

[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar Coll
Aundh, Pune-57.





Class Room



v-within permissible limits

Computer Lab



v-within permissible limits

Chemistry Lab



v-within permissible limits

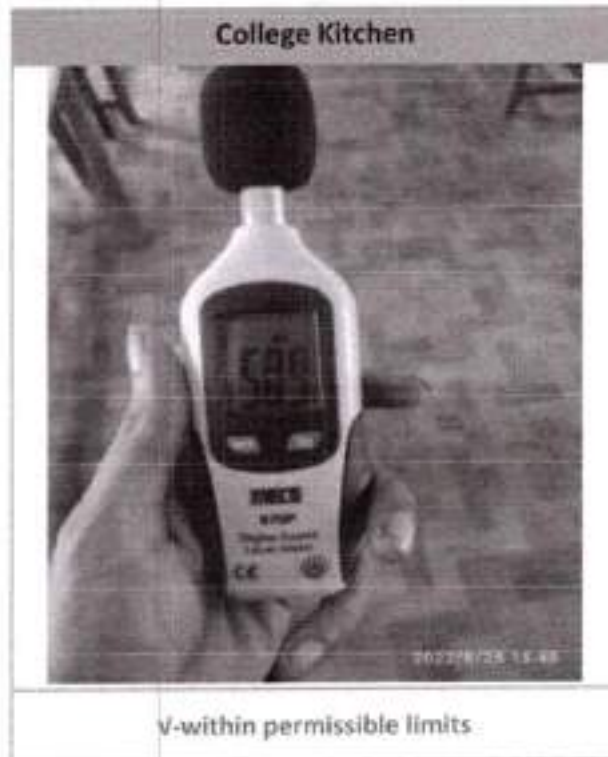
College Premises



v-within permissible limits

PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Location	Limits	Limits/Levels
	dB	
Staff Room	64.8	Within permissible limits
Office	59.7	Within permissible limits
Passage	57.7	Within permissible limits
Library	61.8	Within permissible limits
Class Room	50	Within permissible limits
Computer Lab	49	Within permissible limits
Chemistry Lab	44.4	Within permissible limits
College Premises	53.4	Within permissible limits
College Kitchen	50.9	Within permissible limits


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



DAY LIGHT ILLUMINATION/COMFORT

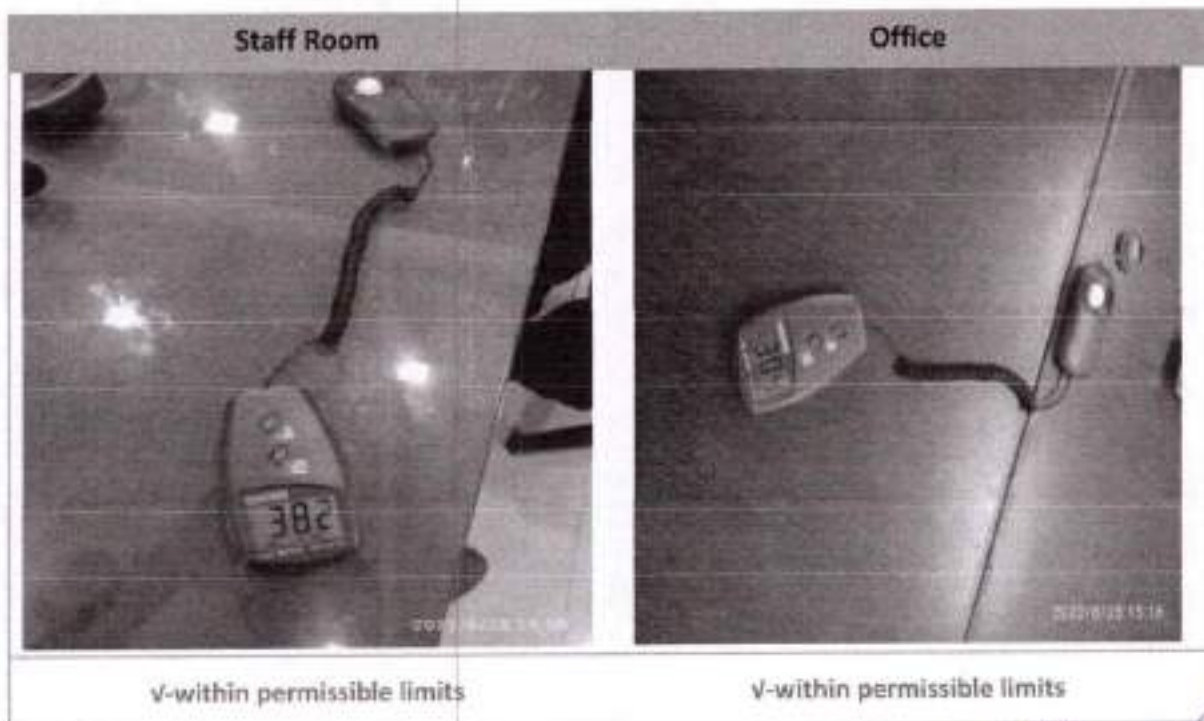
INTRODUCTION

Light has significant impact on many body functions, including the nervous system, circadian rhythms, pituitary gland, endocrine system, pineal gland and alertness as these are affected by different wavelengths of light.

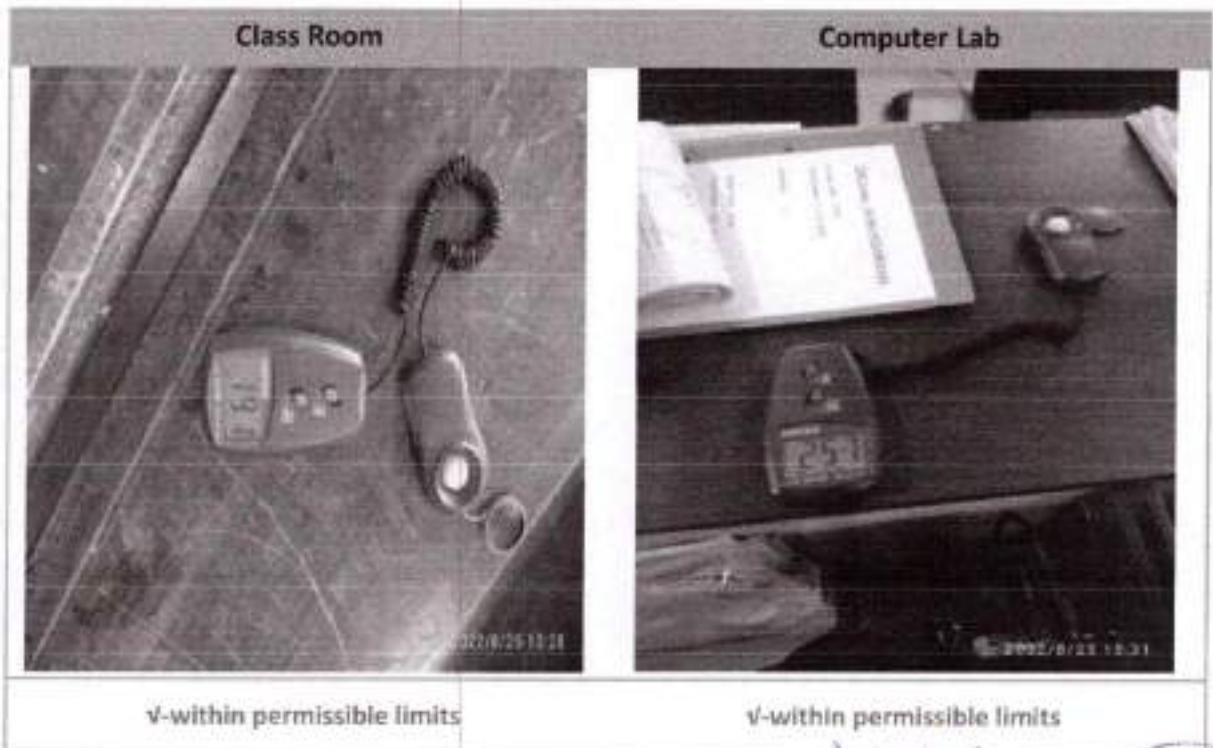
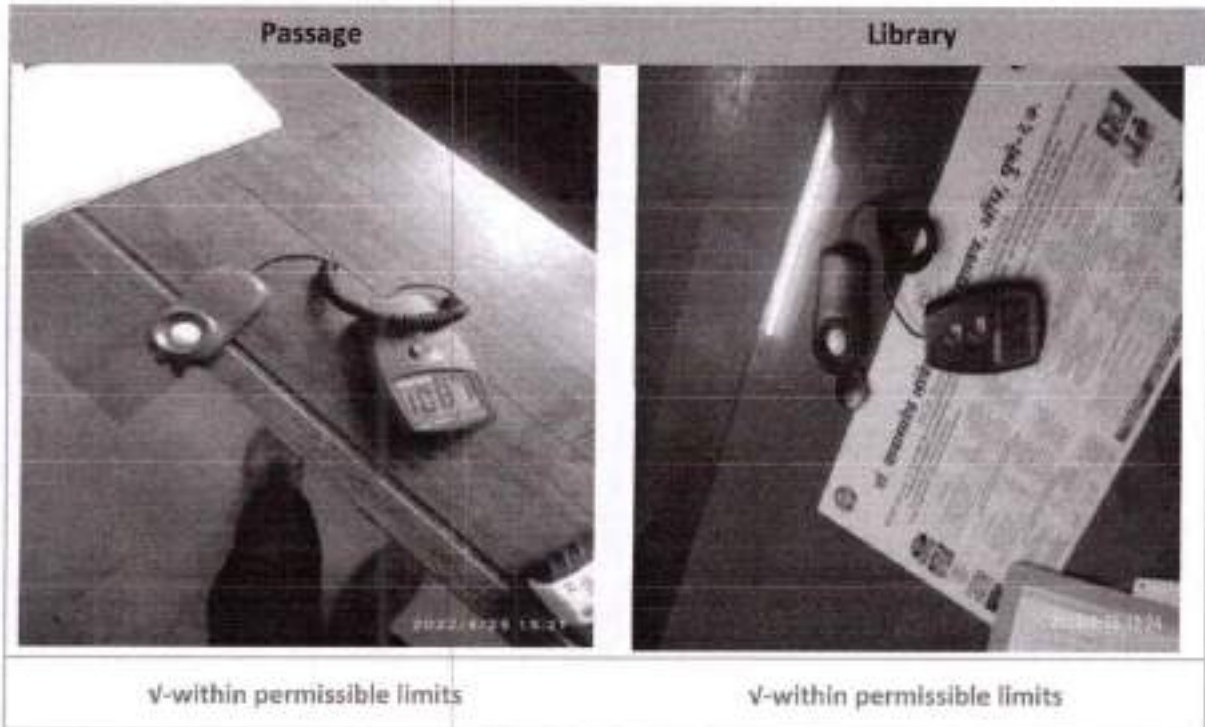
Variations over time in lighting conditions, in terms of intensity, illumination levels, distribution, ambient lighting and colour temperature, can stimulate alertness and well-being of people.

Threshold IL luminance level		
Building type	Type of space	IL luminance
		Lux
Schools	Classrooms	500
	Corridors	100
	Teachers rooms	300
	Libraries	500
	Offices	300

OBSERVATION




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.



[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar Mahavidyalaya
Aundh, Pune-47.





Chemistry Lab	College Premises
 <p>2020/02/20 15:37</p>	<p>NA</p>
	<p>v-within permissible limits</p>

College Kitchen
 <p>2020/02/20 15:39</p>
<p>v-within permissible limits</p>

Amir
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Location	IL luminance	Limits/Levels
	lumens	
Staff Room	*382	Within permissible limits
Office	*304	Within permissible limits
Passage	*1087	Within permissible limits
Library	*257	Within permissible limits
Class Room	*191	Within permissible limits
Computer Lab	*257	Within permissible limits
Chemistry Lab	*153	Within permissible limits
College Premises	-	Within permissible limits
College Kitchen	*85	Within permissible limits


PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



**HEALTH AND SAFETY MANAGEMENT AND INFRASTRUCTURE****1. COLLEGE INFRASTRUCTURE****INTRODUCTION**

College campus comprises of various buildings as main college building, girl's hostel, college canteen, parking area, central playing ground and number of underground water tank bodies for storage of water.

OBSERVATION

Sr. No.	Locations	Space
1	College building	Spacious
2	Staff rooms	Spacious
3	Laboratories	Spacious
4	Toilet Blocks	Spacious
7	Parking Area	Spacious
8	Passage	Spacious
9	Class rooms	Spacious
10	Staircase	Spacious
11	College premises	Spacious


PRINCIPAL**Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.**



ASSESSMENT OF COLLEGE CAMPUS BUILDING INFRASTRUCTURE

Sr No	Locations	Space	Ventilation	Natural Light	Cleanliness	Remark
1	College building	Spacious	Good	Good	Good	-
2	Staff rooms	Spacious	Good	Good	Good	-
3	Laboratories	Spacious	Good	Good	Good	-
4	Toilet Blocks	Spacious	Good	Good	Good	-
5	Parking Area	Spacious	Good	Good	Good	-
6	Passage	Spacious	Good	Good	Good	-
7	Class rooms	Spacious	Good	Good	Good	-
8	Staircase	Spacious	Good	Good	Good	-
9	College premises	Spacious	Good	Good	Good	-
10	College building	Spacious	Good	Good	Good	-
11	Staff rooms	Spacious	Good	Good	Good	-



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





2. HEALTH AND SAFETY MANAGEMENT

OBSERVATION

1. Regular cleaning of college campus and toilets is done by the cleaning staff. This involves dusting, floor cleaning and toilets cleanings.
2. Garden and parking area is also kept clean by staffs.
3. Cleaning equipment and washing liquids are provided to the cleaning staff.
4. Gloves, masks like sanitation gear have been provided to the staff.
5. In college premises audit team found the unwanted materials.
6. There are number of fire extinguishers are placed in college campus building for fire safety purpose. College also doing regular maintenance and installed new fire extinguishers.
7. Open wiring and not properly addressed cable wiring have been observed in college, that may lead to short circuits as well as from electrical safety it is dangerous. Also panel doors are not closed properly. So it is an urgent repair and corrected.





PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Fire safety	
Fire Extinguishers	Validity of Fire extinguishers
 <p>2022/8/25 13:03</p>	 <p>2022/8/25 12:58</p>
College has placed number of fire extinguishers at various places in the college campus	Maintenance validity of fire extinguishers updated regularly.
√- Good	√- Good

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Fire safety Certificate

MAHARASHTRA GOVT. APPROVED AGENCY
TRIANGLE FIRE
FIRE SAFETY & SECURITY ENGINEERS
Reg. Office: - S. No. 13/1/15, Spicer College Rd, Shitole Nagar,
47/1/244/2, Old Sangavi, Pune, Maharashtra 411027
Mob: - +91966956670, +919890059950,
Email: trianglefire4@gmail.com Website: www.trianglefires.com

HPT. /REFILLING & INSPECTION OF FIRE FIGHTING EXTINGUISHER EQUIPMENT
CERTIFICATE

Mr. / Mrs : Dr. Babasaheb Ambedkar College, Aundh, Pune,
Maharashtra 411067

Type of the Extinguisher : ABC Stored Pressure

Capacity : 4 KG & 6 KG

No. of Fire Extinguisher : 05 NOS & 06 NOS

Date of Installation : 02/08/2022

Next Due Date : 01/08/2023

Parts in Fire Extinguisher

a) Pressure Filled	f) Powder
b) Yellow Seal	g) Safety Clip
c) Washer	h) Inner Container Siphon Tube
d) Hose Pipe	i) Plunger Mechanism
e) Squeeze Grip	j) Warranty Sticker

CONDITION OF THE FIRE EXTINGUISHER: New Installed

Note: - One Year Warranty Only Automatic Pressure Drop.

Dated : 02/08/2022


Authorized Seal / Signature

College has done fire extinguisher maintenance and also newly installed

✓- Well maintained


MUNICIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



Fire safety Certificate

MAHARASHTRA GOVT. APPROVED AGENCY

TRIANGLE FIRE

FIRE SAFETY & SECURITY ENGINEERS

Reg. Office: - S. No. 13/1/15, Spicer College Rd, Shitole Nagar,
47/1/244/2, Old Sangavi, Pune, Maharashtra 411027

Mob: - +91966956670, +919890050950,

Email: trianglefires4@gmail.com Website: www.trianglefires.com



HPT: /REFILLING & INSPECTION OF FIRE FIGHTING EXTINGUISHER EQUIPMENT

CERTIFICATE

Mr. / Mrs : Dr. Babasaheb Ambedkar College, Aundh, Pune,
Maharashtra 411067

Type of the Extinguisher : ABC Stored Pressure

Capacity : 4 KG

No. of Fire Extinguisher : 07 NOS

Date of Refilling / Servicing: 02/08/2022

Next Due Date : 01/08/2023

SPARES REPLACED

- | | |
|-------------------------|--------------------------|
| a) Pressure Filled | f) Powder Replaced |
| b) Yellow Seal Replaced | g) Safety Clip |
| c) Washer Changed | h) Inner Container Clean |
| d) Hose Checked | i) Plunger Mechanism |
| e) Squeeze Grip | j) Sticker Replaced |

CONDITION OF THE FIRE EXTINGUISHER: VERY GOOD

Note: - One Year Warranty Only Automatic Pressure Drop.

Dated : 02/08/2022



Authorized Seal / Signature


College has done fire extinguisher maintenance and also newly installed



v- Well maintained

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Electrical safety	
Unwanted material	Unwanted material
	
Unwanted waste material placed near electrical panel	Unwanted waste material placed near electrical panel
⊗- need to be clean	⊗- need to be clean

Electrical safety	Electrical safety
Ladder for terrace	Electrical panel door lock
	
Unwanted waste material placed near electrical panel	Electrical panel not clean
⊗- need to be clean	⊗- need to be clean

[Handwritten Signature]

PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.

Health safety	
Dust bins for waste disposal	Dust bins for waste disposal
	
Properly placed dust bins in college for waste disposal	Properly placed dust bins in college for waste disposal
v- Good practice	v- Good practice


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aurang, Pune-67.

Health safety

Conventional water taping system



Hands free water taping system



College have currently conventional water taping system

College can adopts hands free water taping system. This saves the water and also good for personal health protection to avoid frequent hand touching to water taps.


PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



GENERAL RECOMMENDATIONS

Sr No	Points	Actions need to be done regularly if not
1	Electrical panels doors	Closed the panel doors
2	Electrical wiring	Wiring should be properly dressed
3	Electrical wiring connection, hanging etc	Wiring connection should be appropriate and not any hanging of live connections
4	Electrical panel rooms	Electrical panel room should cleaned and remove all unwanted materials.
5	Fire extinguishers	Need to renew maintenance immediately after due date
	Fire hydrant system	College installed properly fire hydrant system with regular maintenance of it. Also college undertook safety drill for college staff.
6	Unwanted materials	Remove and placed at appropriate place or disposed of immediately.
7	Conventional water taping system	College can adopts hands free water taping system. This saves the water and also good for personal health protection to avoid frequent hand touching to water taps.


PRINCIPAL
 Dr. Babasaheb Ambedkar College
 Aundh, Pune-67.



NO VEHICLE DAY INITIATIVE

OBSERVATION

1. Many of the college students and staff use the private or own vehicles to come college.
2. It contributes the CO2 emission due to burning of petrol or diesel in the vehicles.
3. College has taken initially on pilot basis "no vehicle day" but then after that college take initiative of "no vehicle day" on 1st day of every month.

No Vehicle Day Initiative- On pilot basis

संघट्ट शिक्षण संस्थेचे .


डॉ. बाबासाहेब आंबेडकर महाविद्यालय, आंध, पुणे - ६७

०६.०२.२०२०

नोटीस

महाविद्यालयातील सभे विद्यार्थ्यांना व सेवकांना कळविण्यात येते की, या महिन्याच्या म्हणजेच शुक्रवार, ६ फेब्रुवारी २०२० या दिवशी "No Vehicle Day" पाळण्यात येणार आहे. या दिवशी विद्यार्थी व सेवक यांनी फक्त सार्वजनिक वाहनांचा वापर करून महाविद्यालयात उपस्थित राहावे.

आपल्या सहवासातून पर्यावरण संरक्षणाचा हा उपक्रम यशस्वी होणार आहे. यासाठी आपले सतीचे सहकार्य अपेक्षित आहे.



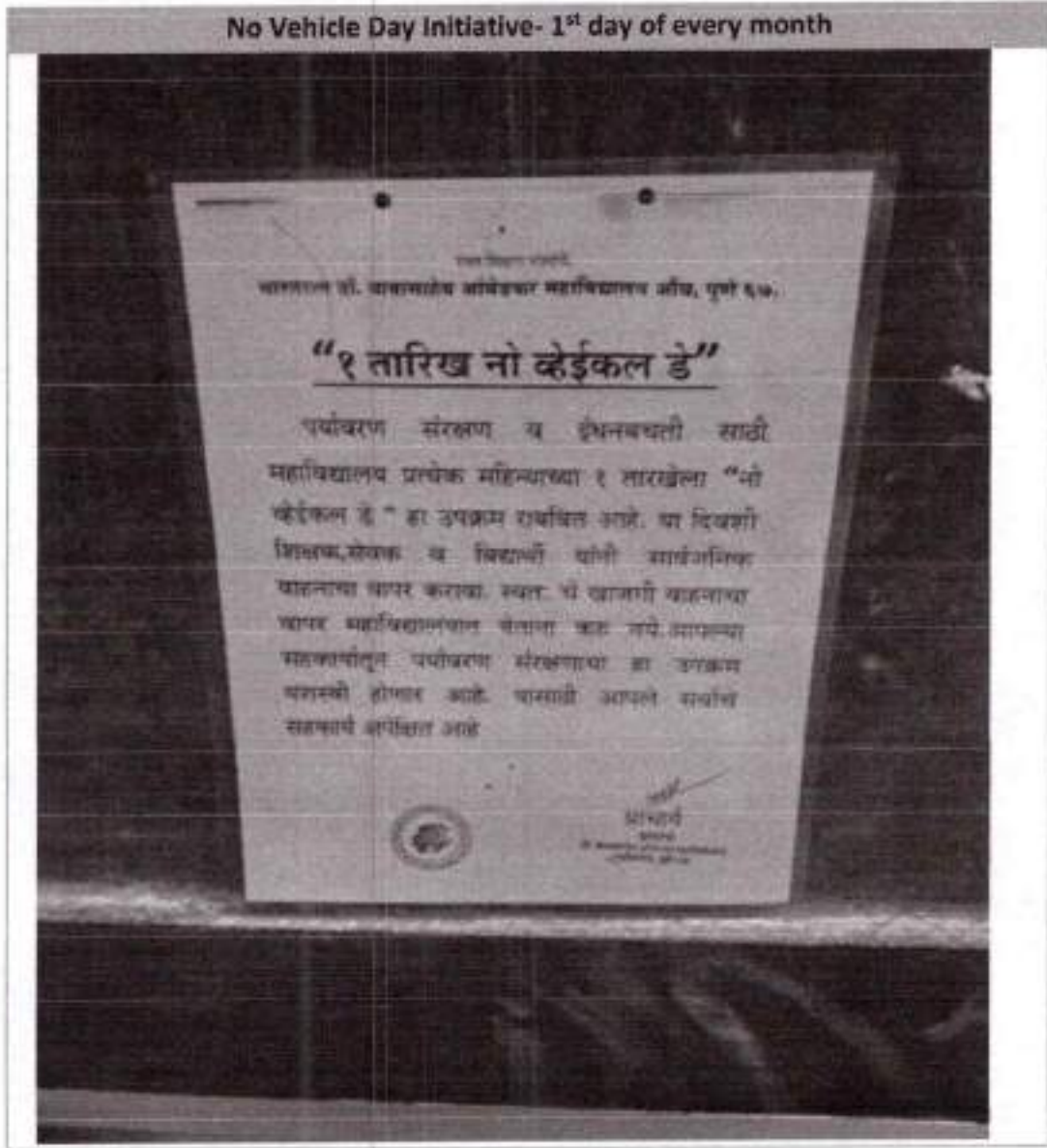
प्र. पाचार्य,

डॉ. बाबासाहेब आंबेडकर
महाविद्यालय, आंध, पुणे - ६७

**PRINCIPAL**

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





[Signature]
PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-57.





SAVING DUE TO "No vehicle day" on every Saturday of week			
Number of vehicles in college premises	100	nos	
Average running of vehicle	5	km/vehicle	
Average fuel required	250	litres/day	
Average cost of fuel	25000	INR/day	
Number of Saturday per month	4	nos	
Average fuel save	1000	litres/month	
Average cost save	100000	INR/month	
Average CO2 emission reduction per month	2.68	tonnes of CO2e	
Average CO2 emission reduction per year	32.16	tonnes of CO2e	

RECOMMENDATION

It is also recommended that college can be taken initiative of "No Vehicle Day" on every Saturday of the week


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



OTHER ENERGY EFFICIENT, GREEN, HEALTH, WASTE PRACTICES BY THE COLLEGE MANAGEMENT

1. SOLID WASTE MANAGEMENT (SCRAPS LIKE PLASTIC, PAPER ETC)/ E-WASTE MANAGEMENT/ CLEANILNESS DRIVE/CAMPAIGN

INTRODUCTION

College have good policy for solid waste generated in the college like old newspapers, books, scrap boxes, etc.

E-WASTE MANAGEMNT

Electronic waste or e-waste describes discarded electrical or electronic devices. Used electronics which are destined for reuse, resale, salvage, recycling, or disposal are also considered e-waste. Informal processing of e-waste in developing countries can lead to adverse human health effects and environmental pollution.

Electronic scrap components, such as CPUs, contain potentially harmful components such as lead, cadmium, beryllium, or brominated flame retardants. Recycling and disposal of e-waste may involve significant risk to health of workers and communities in developed countries and great care must be taken to avoid unsafe exposure in recycling operations and leaking of materials such as heavy metals from landfills and incinerator ashes.

The environmental impact of the processing of different electronic waste components

E-Waste Component	Process Used	Potential Environmental Hazard
Cathode ray tubes (used in TVs, computer monitors, ATM, video cameras, and more)	Breaking and removal of yoke, then dumping	Lead, barium and other heavy metals leaching into the ground water and release of toxic phosphor
Printed circuit board (image behind table – a thin plate on which chips and other electronic components are placed)	De-soldering and removal of computer chips, open burning and acid baths to remove metals after chips are removed	Air emissions and discharge into rivers of glass dust, tin, lead, brominated dioxin, beryllium cadmium, and mercury
Chips and other gold plated components	Chemical stripping using nitric and hydrochloric acid and burning of chips	PAHs, heavy metals, brominated flame retardants discharged directly into rivers acidifying fish and fowl. Tin and lead contamination of surface and groundwater. Air emissions of brominated dioxins, heavy metals, and PAHs
Plastics from printers, keyboards, monitors, etc.	Shredding and low temp melting to be reused	Emissions of brominated dioxins, heavy metals, and hydrocarbons
Computer wires	Open burning and stripping to remove copper	PAHs released into air, water, and soil

Dr. Babasaheb Ambedkar Mahavidyalaya, Pune
 Principal
 Page-67

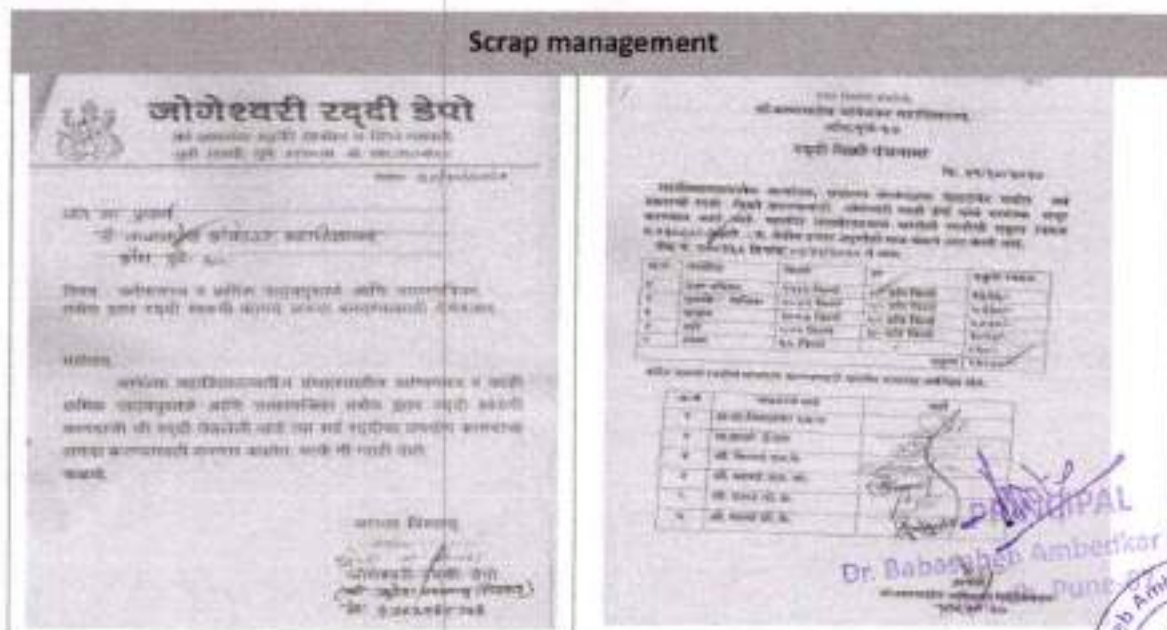
OBSERVATION

1. College has given solid waste generated like papers, metal scrap, garden waste etc to the authorised recycle for proper channelling the solid waste.
2. This helps to reduce the CO2 emission reduction due to recycling of the solid waste.
3. College also take initiative for e-waste recycling drive and MOU with different organisations like Janwani, Pune, Mahalaxi E recyclers, Kolhapur etc

Scrap management



Scrap management





E-waste drive



[Signature]
PRINCIPAL

**Dr. Babasaheb Ambedkar College
Aundh, Pune-67.**





Cleanliness drive




PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



2. TREE PLANTATION, SOIL CONSERVATION ETC

INTRODUCTION

Tree-planting is the process of transplanting tree seedlings, generally for forestry, land reclamation, or landscaping purpose

In silviculture the activity is known as reforestation, or afforestation, depending on whether the area being planted has or has not recently been forested. It involves planting seedlings over an area of land where the forest has been harvested or damaged by fire, disease or human activity. Tree planting is carried out in many different parts of the world, and strategies may differ widely across nations and regions and among individual reforestation companies. Tree planting is grounded in forest science, and if performed properly can result in the successful regeneration of a deforested area. Reforestation is the commercial logging industry's answer to the large-scale destruction of old growth forests, but a planted forest rarely replicates the biodiversity and complexity of a natural forest.[citation needed]

Because trees remove carbon dioxide from the air as they grow, tree planting can be used as a geoengineering technique to remove CO

2 from the atmosphere. Desert greening projects are also motivated by improved biodiversity and reclamation of natural water systems, but also improved economic and social welfare due to an increased number of jobs in farming and forestry.

Canopies in tropical and temperate forests can be important habitats for many animals and plants. A dense canopy cover will let little light reach the ground and will lower temperatures. The canopy protects the ground from the force of rainfall and makes wind force more moderate

OSERVATION

1. In the college premises there are number of trees which are maintained by the college.
2. College also took initiative of tree plantation with the help of students in the city area.


PRINCIPAL
Dr. Babasaheb Ambedkar College
Mumbai, India





Tree plantation activities




PRINCIPAL

Dr. Babasaheb Ambedkar College
Aurang, Pune-67.



3. ENERGY EFFICIENT TECHNIQUES

INTRODUCTION

Due to climate change and CO2 emission it is necessary to use energy efficient technologies. It helps to reduce the energy consumption without affecting the output. It also helps the reduced the CO2 emission reductions.

OSERVATION

1. College has taken step by step intuitive to implement various energy efficient equipment/technologies the college.
2. College has implemented various energy efficient equipment like LED lighting, Solar street lights, BEE star rating equipment's like refrigerator, Acs etc

Energy efficient equipment/techniques



BEE star rating AC



BEE star rating AC


PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.

Energy efficient equipment/ techniques



BEE star rating refrigerator



LED lightings

[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



REFERENCES AND STANDARDS

1. Bureau of Energy Efficiency (BEE), Ministry of Power, Government of India
2. Energy Conservation Building Code (ECBC), 2007, BEE, Government of India
3. Indian Green Building Council (IGBC), India
4. National Ambient Air Quality Standards, 2009, Central Pollution Control Board (CPCB), Government of India
5. The Noise (Pollution and Control) Rules, 2000 Government of India
6. Municipal Solid Wastes (Management and Handling) Rules, 2000, Government of India
7. Solid Waste Management Rules, 2015, Government of India
8. E-waste (Management) Rules, 2015, Government of India
9. Plastic Waste (Management and Handling) Rules, 2016, Government of India
10. National Electrical Code, 2011
11. Fire Extinguisher Standards, 2190-2010, Bureau of Indian Standards (BIS)
12. IS 14489-1998, Code of Practice of Occupational and Health audit
13. Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

Handwritten signature



Handwritten signature
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



7.1.3



Energy Audit

Certificate

2019-20





CERTIFICATE

ENERFUTURE TECHNOLOGY PRIVATE LIMITED
Verified and Certified that



RAYAT SHIKSHAN SANSTHA'S
DR BABASHAEB AMBEDKAR MAHAVIDYALAYA

*B5, Sarkar Wada, Ward No: 8
Aundh Gaon, Pune-411 067, Maharashtra
Phone No: 020 25466271/73
E-mail Id: bdhacollege@gmail.com
Website: <http://www.dhacap.edu.in/>

HAS CARRIED OUT

ENERGY AUDIT

AS PER GUIDANCE LAID DOWN IN THE
ENERGY CONSERVATION ACT-2001, MINISTRY OF POWER, GOVERNMENT OF INDIA
IN 2019-20

This certificate is valid for 2 years from 2019-20 and 2020-21

Vinay Mulay
M.Tech (Energy Studies),
Certified BEE Energy Auditor
(EA-10853), Lead Auditor-ISO-
50001

Chetan Nemade
M.Tech (Energy Studies), Advance
Diploma
in Industrial Safety (AIS),
BEE Certified Energy Manager (EA-
22697)

Yogesh Kuwar
M.Tech (Energy Studies),
Certified BEE Energy
Manager (EA-33078),
PGDELP, IGBCTM AP-
AA02EEK7



www.enerfuture.com


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



7.1.3



Energy Audit

Report

2019-20


PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.



ENERGY AUDIT REPORT

RAYAT SHIKSHAN SANSTHA'S



DR BABASHAEB AMBEDKAR MAHAVIDYALAYA

85, Sarkar Wada, Ward No: 8
Aundh Gaon, Pune-411 067, Maharashtra
Phone No: 020 25466271/73
E-mail Id: bdbacollege@gmail.com
Website: <https://www.dbacap.edu.in/>

Conducted and Submitted by



ENERFUTURE TECHNOLOGY PRIVATE LIMITED

301, Above Ekbote Hospital,
Revenue Colony, J.M.Road,
Pune-411005
Website: <http://www.ienerfuture.com>
E-mail: info@ienerfuture.com
Telephone: +91- 9960041642, 9405065597


PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-57.



ACKNOWLEDGEMENT

Enerfuture Technology thanks the management of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune for assigning this important work of Energy Audit of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune

Energy Audit study is a joint venture exercise of consultant and college account and contain energy usage without sacrificing the purpose of energy use.

Contribution of college's team is equally important in this venture. Team of technical experts from Enerfuture Technology Private Limited is grateful to all the following personnel of Dr Babasaheb Ambedkar Mahavidyalaya College, Pune for their kind cooperation, furnishing required data, analysis report and support offered during our visit.

Name	Designation
Dr. Arun Andhale	Principal
Dr Ramesh Randive	Vice-Principal
Dr Rajendra Rasakar	Assistant Professor
Prof Sushilkumar Gujar	Assistant Professor
Dr Savita Patil	IQAC Coordinator

We are also thankful to the other staff members who were actively involved while taking measurements and conducting field study.

STUDY TEAM

Sr No	Name	Qualification
1	Mr. Chetan Nemade	M.Tech (Energy Studies), Advance Diploma in Industrial Safety (ADIS), LLB(pursuing), BEE Certified Energy Manager
2	Mr Vinay Mulay	M.Tech (Energy Studies), ISO 50001 Lead Auditor, BEE Accredited Energy Auditor
3	Mr Swapnil Gaikwad	M.Tech (Energy Studies), ISO 50001 Lead Auditor , BEE Certified Energy Auditor
4	Mr YogeshKumar	M.Tech (Energy Studies), IGBC, Post Graduate Diploma in Environmental law and Policy (PGDELP), BEE Certified Energy Manager
5	Mr Swapnil bedre	BE Mechanical


PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



LIST OF INSTRUMENTS USED

1. Distance Meter (Bosch)
2. Lux meter (Meco)
3. TDS meter
4. CO2 meter
5. Air quality measure meter
6. Sound meter

Handwritten signature



Handwritten signature
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





CONTENTS

EXECUTIVE SUMMARY	8
COLLEGE INTRODUCTION	10
INTRODUCTION	10
SILENT FEATURES OF THE COLLEGE	11
MISSION	11
VISSION	11
OBJECTIVES	12
LOCATION	13
ELECTRICITY BILL SUMMARY	14
ELECTRICITY BILL SUMMARY	14
OBSERVATION	16
ENERGY PERFORMANCE ASSESSMENT OF LIGHTING	17
OBSERVATION	17
PERFORMANCE ASSESSMENT OF LIGHTING SYSTEM	18
ENERGY SAVING MEASURES	18
ENERGY PERFORMANCE ASSESSMENT OF FAN	25
OBSERVATION	25
ENERGY SAVING MEASURES	25
SAVING BY CHANGINF THE MSEDCL TARIFF	29
OBSERVATION	29
RECOMMENDATION	29
SAVINGS MEASURES	29
SAVINGS DUE TO MAINTAINING POWER FACTOR.....	29
SOLAR PV SYSTEM WITH NET METER	30
INTROUDUCATION.....	30


PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune 411 007.





OBSERVATION.....	31
RECOMMENDATION.....	31
SAVINGS MEASURES.....	32
SAVINGS DUE TO SOLAR PV SYSTEM INSTALLATION AND AVAILABLE ROOFTOP SPACE.....	32
CO ₂ EMISSION REDUCTION.....	36
ENERGY CONSERVATION BY SAVING OF WATER.....	38
1. TAP WATER REDUCER.....	38
RECOMMENDATION.....	38
ANNEXTURE.....	39
ENERGY EFFICIENT FANS.....	39


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



EXECUTIVE SUMMARY

Sr no	Location	Area	Proposed Action	Expected Result	Saving Potential	Monetary Saving	Investment	Simple Payback Period
				monthly	kWh	INR	INR	months
1	College buildings	Lightning recommendations	Install motion sensors to parking, staircase, passage and street lights	Existing lighting consumption= 804.70kWh	18	200.88	1,530	7.62
				Expected energy consumption= 786.70kWh				
				Total energy saved per month=18kWh				
2	College buildings	Fan recommendations	Replace existing old conventional fans which consumes 70W with new energy efficient fans which consumes 28W(18W & 8W for exhaust fan)	Existing fan consumption= 466.22kWh	231.04	2,578.41	2,04,211	79.20
				Expected energy consumption= 235.18kWh				
				Total energy saved per month=231.04kWh				
3	College electricity bill	Electricity bill tariff change	Change MSEDCIL electricity bill tariff from commercial to Public services-others	Average monthly saving=INR 5157.12	-	5,157.12	0	0



PRINCIPAL

 Dr. Babasaheb Ambedkar Coll
 Aundh, Pune-67



4	College campus	Solar rooftop Photovoltaic system	College can expand existing Solar PV system to 14 kWp in available rooftop to cater excess energy consumption	College can installed 14 kWp solar PV system	1575	17,577	6,30,000	2.99
---	----------------	-----------------------------------	---	--	------	--------	----------	------

Dr. Babasaheb Ambedkar
PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-411 007.



COLLEGE INTRODUCTION

INTRODUCTION



Rayat Shikshan Sanstha Satara

"Education through self-help is our motto."

This college is a grant-in-aid institution affiliated to Savitribai Phule Pune University. It has been established in 1983 and included under sections 2(f) and 12(B) of the UGC Act and has been receiving grants regularly. College is re-accredited with B++ Grade with CGPA of 2.76 by NAAC in 2017. The college offers courses like B.A., B.Com, B.B.A.(Computer Application), B. Voc.(Retail Marketing and Management) M.A. Economics, M.A. Marathi and M. Com. Along with academic programs college also offers two COC and twenty seven skill and job oriented courses. The college has received several grants for Major and Minor Research projects from UGC and Savitribai Phule Pune University. The College also pays equal attention to faculty improvement and research. College has well qualified and research oriented faculty out of 13 permanent faculty, eight are with Ph.D. and two with M.Phil. and three are doing Ph.D. Almost all faculty members have completed major or minor research projects. College has organized 27 seminars and conference and 47 workshops. Several support services are provided to the students like ladies hostel, NSS, sports, YCMOU, cultural unit etc. Several support services are provided to the students like ladies hostel, NSS, sports, YCMOU, cultural unit etc. The college also publishes its annual magazine 'Aksharkumaya', wall paper 'Aksharrang', hand written 'Vanijyavishwa' and 'Arthvishwa', book reviews and Newsletters. Majority of the students are from rural and slum area. They belong to economically and socially backward classes. To cop up with the new atmosphere, we organize orientation remedial, special guidance scheme, bridge courses, counselling and computer courses for students. College was


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.

awarded with Karmveer Paritoshik by Rayat Shikshan Sanstha, Jagnath Rathi award for extension activities by Savitribai Phule Pune University, Savitribai Phule Best Sanstha by Rashtriya Bandhuta Parishad.

SILENT FEATURES OF THE COLLEGE

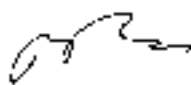

- A Branch of Rayat Shikshan Sanstha which was founded by a great visionary Padmabhushan Dr. Karmveer Bhaurao Patil.
- Affiliated to Savitribai Phule Pune University, Pune.
- Accredited by NAAC with 'B++' Grade with CGPA of 2.76 by NAAC in 2017.
- Best college Award by Rayat Shikshan Sanstha.
- NSS Best College Unit Award by SPPU.
- Jagnath Rathi Award for social awareness by Savitribai Phule Pune University, Pune.
- Adequate infrastructure with spacious classroom.
- Language Laboratory
- Commerce Laboratory.
- Computer Laboratory.
- Adequate IT infrastructure.
- Well qualified and dedicated teaching faculty.
- Twenty seven skill and job-oriented courses.
- Excellent organization seminars and workshops
- Competitive Examination Guidance Centre.
- Banking Examination guidance Centre.
- Police Pre-recruitment Training Centre.
- Ladies hostel facility.
- Automated Library with library website and Institutional Repository for e-collection.
- National players.
- Good Research culture

MISSION

We are committed to educate educationally, socially and economically backward people and bring about a positive change among them and thereby serve the nation

VISSION

To impart quality education too socially, economically and educationally downtrodden through self-help and bring them in the main stream of the nation.



OBJECTIVES

- To generate physically, spiritually and academically sound, young, properly motivated graduates who know the importance of social and civil responsibilities.
- To develop the overall personality of students.
- Education through self-help and dignity of labour
- To educate socially and economically backward students.
- To promote women education.
- To promote the research activities.
- To have interaction with the society through co-curricular activities to acquaint the basic needs and problems.


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





LOCATION



[Handwritten Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





ELECTRICITY BILL SUMMARY

Dr Babasaheb Ambedkar Mahavidyalaya College, Pune have two MSEDCL three phase LT electricity connection in the college campus for all buildings.

One electricity meter is used for college building while other meter is used for girl's hostel building.

The major electricity consumption in college campus is lighting, fans, AC as well as water pumping to various buildings during college hours.

Both MSEDCL energy meters are solar net meters with capacity of 15 kWp and 5 kWp of Solar PV system.

ELECTRICITY BILL SUMMARY

Consumer No.		170014135271	
Billing Unit		4599	
Category		LT-II-A (Commercial)	
Actual Category		LT-V-B (Public services- others)	
Connected load		14	kW
Month	Units	Total Bill	Average Unit Rate
	kWh	INR	INR/kWh
Aug-21	1195	13107.01	10.97
Sep-21	1150	12632.35	10.98
Oct-21	1351	14752.50	10.92
Nov-21	1286	14066.87	10.94
Dec-21	1771	19182.66	10.83
Jan-22	1469	15997.16	10.89
Feb-22	1606	17442.24	10.86
Mar-22	2006	22146.89	11.04
Apr-22	2211	23998.81	10.85
May-22	1977	21513.60	10.88
Jun-22	1799	22235.28	12.36
Jul-22	1768	21861.03	12.36
Average	1632	18245	11.16


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aurang, Pune 43





Consumer No.		170011133820	
Billing Unit		4599	
Category		LT-II-A (Commercial)	
Actual Category		LT-V-B (Public services- others)	
Connected load		14	kW
Month	Units	Total Bill	Average Unit Rate
	kWh	INR	INR/kWh
Aug-21	0	-18810	#DIV/0!
Sep-21	0	-18400	#DIV/0!
Oct-21	0	-17990	#DIV/0!
Nov-21	0	-17580	#DIV/0!
Dec-21	0	-17170	#DIV/0!
Jan-22	0	-16760	#DIV/0!
Feb-22	0	-16350	#DIV/0!
Mar-22	0	-15930	#DIV/0!
Apr-22	0	-60980	#DIV/0!
May-22	0	-61560	#DIV/0!
Jun-22	0	-60140	#DIV/0!
Jul-22	0	-59720	#DIV/0!
Average		0.00	


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.





OBSERVATION

1. Total monthly energy consumption of the college is approximately 3,000 units.
2. Total monthly billing is approximately INR 20, 000 /-
3. 15 kWp and 5 kWp Solar PV system is installed in girls's hostel building and college building respectively as a renewable energy source.
4. Approximate 2,350 kWh units are generated from existing solar PV systems.


PRINCIPAL
Dr. Babasaheb Ambedkar
Aundh, Pune-57.

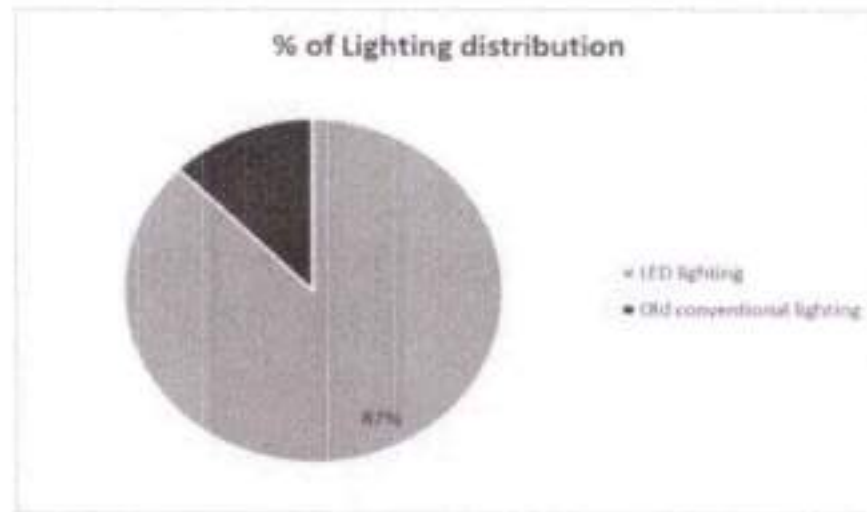


ENERGY PERFORMANCE ASSESSMENT OF LIGHTING

OBSERVATION

College has installed new energy efficient LED lighting in the college campus. Also some old lightings in the college which are replaced by college in course of time.

Type	Quantity	kW load	% of load
LED lighting	56	1.01	87.50
Old conventional lighting	8	0.29	12.50
Total	64	1.30	100



Dr. Babasaheb Ambedkar College,
Karnata, Pune-67.

Dr. Babasaheb Ambedkar

PRINCIPAL

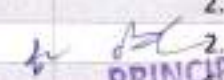



PERFORMANCE ASSESSMENT OF LIGHTING SYSTEM

ENERGY SAVING MEASURES



Building	Floor	Name	Light Type	Type	Qty	Wattage	Hours of usage	No of Days in a month	Monthly consumption	
					Nos	watt	hrs	days	kWh/day	
College building	All	Passage	LED	1x16W	4	16	5	25	8.00	
			LED	1x20W	19	20	5	25	47.50	
			FTL	1x40W	1	40	1	25	1.00	
	Basement	Bathroom	LED	1x20W	40	20	10	25	200.00	
			B-1 Boy's room	LED	1x20W	4	20	5	25	10.00
				LED	1x16W	3	16	5	25	6.00
		B-2 Geography department		LED	1x20W	1	20	5	25	2.50
				LED	1x16W	2	16	5	25	4.00
			B-3 History department and competitive exam centre	LED	1x20W	3	20	5	25	7.50
				FTL	1x36W	1	36	5	25	4.50
				FTL	1x40W	1	40	5	25	5.00
		B-5		LED	1x16W	1	16	5	25	2.00
				LED	1x20W	1	20	5	25	2.50
			B-6	LED	1x16W	3	16	5	25	6.00
				LED	1x20W	1	20	5	25	2.50


PRINCIPAL
 Dr. Babasaheb Ambedkar Mahavidyalaya, Pune
 Aundh, Pune-411 007




		FTL	1x40W	1	40	5	25	5.00
	B-7	LED	1x16W	3	16	5	25	6.00
	B-4 Marathi department	LED	1x16W	1	16	5	25	2.00
		LED	1x20W	2	20	5	25	5.00
Ground floor	G-4 Staff room	LED	1x16W	12	16	5	25	24.00
		LED	1x20W	20	20	5	25	50.00
	G-5 Admin office	LED	1x20W	8	20	8	25	32.00
	G-3 Principal office	LED	1x20W	3	20	8	25	12.00
		LED	1x16W	5	16	8	25	16.00
	G-6 English department	LED	1x16W	2	16	5	25	4.00
	G-7 Examination office	LED	1x20W	2	20	5	25	5.00
		LED	1x16W	2	16	5	25	4.00
	Vice principal room	LED	1x20W	1	20	8	25	4.00
	G-2 Library	LED	1x20W	10	20	8	25	40.00
		LED	1x16W	2	16	8	25	6.40
	G-1 Store room	LED	1x20W	1	20	5	25	2.50
First floor	101 Class room	LED	1x20W	4	20	5	25	10.00
	102 Class room	LED	1x20W	2	20	5	25	5.00
		FTL	1x36W	2	36	5	25	9.00
	103 Economics department	LED	1x20W	1	20	5	25	2.50
	104 Commerce department	LED	1x20W	2	20	5	25	5.00
		LED	1x16W	2	16	5	25	4.00
	105 Politics department	LED	1x20W	1	20	5	25	2.50
	106 Class room	LED	1x20W	4	20	5	25	10.00
	107 Class room	LED	1x20W	6	20	5	25	15.00
	Seminar hall	LED	1x20W	6	20	2	25	6.00

PRINCIPAL

 Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.


			LED	1x16W	2	16	5	25	4.00
	Second floor	201 Class room	LED	1x20W	2	20	5	25	5.00
			FTL	1x36W	1	36	5	25	4.50
			FTL	1x40W	1	40	5	25	5.00
		202 Class room	LED	1x20W	4	20	5	25	10.00
		203 Class room	LED	1x20W	2	20	5	25	5.00
		204 BBA department	LED	1x20W	3	20	5	25	7.50
		205 Junior staff room	LED	1x20W	1	20	5	25	2.50
			FTL	1x36W	1	36	5	25	4.50
		206 Computer lab	LED	1x20W	7	20	5	25	17.50
		207 Chemistry lab	LED	1x20W	3	20	5	25	7.50
		208 B-Voc lab	LED	1x16W	21	16	2	25	16.80
		301 Physics lab	LED	1x20W	5	20	5	25	12.50
		302 Class room	LED	1x12W	10	12	0.5	25	1.50
Girl's hostel	All	Passage	LED	1x20W	7	20	5	25	17.50
		Visitor room	LED	1x20W	1	20	5	25	2.50
		Servant room	LED	1x20W	1	20	5	25	2.50
		Warden room	LED	1x20W	1	20	5	25	2.50
		Sick room	LED	1x20W	1	20	5	25	2.50
		Reading room	LED	1x20W	6	20	5	25	15.00
		All rooms	LED	1x20W	14	20	5	25	35.00
Gymkhana	All	Passage	LED	1x20W	3	20	5	25	7.50
		Gym room	LED	1x16W	10	16	5	25	20.00


 PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



Building	Floor	Name	Change	New used Qty	New monthly consumption	Monthly saving	Monthly saving	Total investment	Payback period
				nos	kWh/month	kWh/month	INR/month	INR	months
College building	All	Passage	No change	4	8.00	0.00	0.00	0	#DIV/0!
			No change	19	47.50	0.00	0.00	0	#DIV/0!
			LED-1x20W	1	0.50	0.50	5.58	170	30.47
		Bathroom	No change	40	200.00	0.00	0.00	0	#DIV/0!
	Basement	B-1 Boy's room	No change	4	10.00	0.00	0.00	0	#DIV/0!
			No change	3	6.00	0.00	0.00	0	#DIV/0!
		B-2 Geography department	No change	1	2.50	0.00	0.00	0	#DIV/0!
			No change	2	4.00	0.00	0.00	0	#DIV/0!
		B-3 History department and competitive exam centre	No change	3	7.50	0.00	0.00	0	#DIV/0!
			LED-1x20W	1	2.50	2.00	22.32	170	7.62
			LED-1x20W	1	2.50	2.50	27.90	170	6.09
		B-5	No change	1	2.00	0.00	0.00	0	#DIV/0!
			No change	1	2.50	0.00	0.00	0	#DIV/0!
		B-6	No change	3	6.00	0.00	0.00	0	#DIV/0!
			No change	1	2.50	0.00	0.00	0	#DIV/0!
			LED-1x20W	1	2.50	2.50	27.90	170	6.09
		B-7	No change	3	6.00	0.00	0.00	0	#DIV/0!
		B-4 Marathi department	No change	1	2.00	0.00	0.00	0	#DIV/0!
			No change	2	5.00	0.00	0.00	0	#DIV/0!


 PRINCIPAL

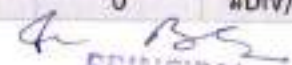
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.

Ground floor	G-4 Staff room	No change	12	24.00	0.00	0.00	0	#DIV/0!	
		No change	20	50.00	0.00	0.00	0	#DIV/0!	
	G-5 Admin office	No change	8	32.00	0.00	0.00	0	#DIV/0!	
	G-3 Principal office	No change	3	12.00	0.00	0.00	0	#DIV/0!	
		No change	5	16.00	0.00	0.00	0	#DIV/0!	
	G-6 English department	No change	2	4.00	0.00	0.00	0	#DIV/0!	
	G-7 Examination office	No change	2	5.00	0.00	0.00	0	#DIV/0!	
		No change	2	4.00	0.00	0.00	0	#DIV/0!	
	Vice principal room	No change	1	4.00	0.00	0.00	0	#DIV/0!	
	G-2 Library	No change	10	40.00	0.00	0.00	0	#DIV/0!	
First floor		No change	2	6.40	0.00	0.00	0	#DIV/0!	
	G-1 Store room	No change	1	2.50	0.00	0.00	0	#DIV/0!	
	101 Class room	No change	4	10.00	0.00	0.00	0	#DIV/0!	
	102 Class room	No change	2	5.00	0.00	0.00	0	#DIV/0!	
		LED-1x20W	2	5.00	4.00	44.64	340	7.62	
	103 Economics department	No change	1	2.50	0.00	0.00	0	#DIV/0!	
	104 Commerce department	No change	2	5.00	0.00	0.00	0	#DIV/0!	
		No change	2	4.00	0.00	0.00	0	#DIV/0!	
	105 Politics department	No change	1	2.50	0.00	0.00	0	#DIV/0!	
	106 Class room	No change	4	10.00	0.00	0.00	0	#DIV/0!	
	107 Class room	No change	6	15.00	0.00	0.00	0	#DIV/0!	
	Seminar hall	No change	6	6.00	0.00	0.00	0	#DIV/0!	
		No change	2	4.00	0.00	0.00	0	#DIV/0!	
	Second floor	201 Class room	No change	2	5.00	0.00	0.00	0	#DIV/0!
		LED-1x20W	1	2.50	2.00	22.32	170	7.62	


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Kurla, Pune-47.



			LED-1x20W	1	2.50	2.50	27.90	170	6.09
		202 Class room	No change	4	10.00	0.00	0.00	0	#DIV/0!
		203 Class room	No change	2	5.00	0.00	0.00	0	#DIV/0!
		204 BBA department	No change	3	7.50	0.00	0.00	0	#DIV/0!
		205 Junior staff room	No change	1	2.50	0.00	0.00	0	#DIV/0!
			LED-1x20W	1	2.50	2.00	22.32	170	7.62
		206 Computer lab	No change	7	17.50	0.00	0.00	0	#DIV/0!
		207 Chemistry lab	No change	3	7.50	0.00	0.00	0	#DIV/0!
		208 B-Voc lab	No change	21	16.80	0.00	0.00	0	#DIV/0!
		301 Physics lab	No change	5	12.50	0.00	0.00	0	#DIV/0!
		302 Class room	No change	10	1.50	0.00	0.00	0	#DIV/0!
Girl's hostel	All	Passage	No change	7	17.50	0.00	0.00	0	#DIV/0!
		Visitor room	No change	1	2.50	0.00	0.00	0	#DIV/0!
		Servant room	No change	1	2.50	0.00	0.00	0	#DIV/0!
		Warden room	No change	1	2.50	0.00	0.00	0	#DIV/0!
		Sick room	No change	1	2.50	0.00	0.00	0	#DIV/0!
		Reading room	No change	6	15.00	0.00	0.00	0	#DIV/0!
		All rooms	No change	14	35.00	0.00	0.00	0	#DIV/0!
Gymkhana	All	Passage	No change	3	7.50	0.00	0.00	0	#DIV/0!
		Gym room	No change	10	20.00	0.00	0.00	0	#DIV/0!


 PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.





Total lighting savings		
Monthly consumption	804.70	kWh/month
New monthly consumption	786.7	kWh/month
New monthly saving	18	kWh/month
New monthly saving	200.88	INR/month
Total investment	1530	INR
Payback period	7.62	months



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-41.





ENERGY PERFORMANCE ASSESSMENT OF FAN

OBSERVATION

College has installed old conventional induction motor fan which consumes 70W at full speed. It is recommended that replace old fan which are operated maximum usage per day with new energy efficient fan which consumes 28W at full speed. Also exhaust fan of 45W and 35W with 18W and 8W energy efficient fans.

ENERGY SAVING MEASURES

Building	Floor	Name	Qty	No of Days in a month	Monthly consumption	Monthly saving	Monthly saving	Investment	Total investment	Payback period
				nos	kWh	kWh	INR	INR	INR	
College building	Basement	B-1 Boy's room	3	25	10.50	6.30	70.31	1800	5400	76.80
		B-2 Geography department	1	25	3.50	2.10	23.44	1800	1800	76.80
		B-3 History department and competitive exam centre	2	25	7.00	4.20	46.87	1800	3600	76.80
		B-5	1	25	3.50	2.10	23.44	1800	1800	76.80
		B-6	2	25	7.00	4.20	46.87	1800	3600	76.80
		B-7	1	25	3.50	2.10	23.44	1800	1800	76.80



Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



		B-4 Marathi department	1	25	3.50	2.10	23.44	1800	1800	76.80
Ground floor		G-4 Staff room	6	25	21.00	12.60	140.62	1800	10800	76.80
		G-5 Admin office	4	30.5	17.08	10.25	114.37	1800	7200	62.95
		G-3 Principal office	2	30.5	8.54	5.12	57.18	1800	3600	62.95
		G-6 English department	3	30.5	12.81	7.69	85.78	1800	5400	62.95
		G-7 Examination office	2	30.5	8.54	5.12	57.18	1800	3600	62.95
		Vice principal room	1	30.5	4.27	2.56	28.59	1800	1800	62.95
First floor		G-2 Library	4	30.5	17.08	10.25	114.37	1800	7200	62.95
		101 Class room	5	30.5	21.35	12.81	142.96	1800	9000	62.95
		102 Class room	5	30.5	21.35	12.81	142.96	1800	9000	62.95
		103 Economics department	1	30.5	4.27	2.56	28.59	1800	1800	62.95
		104 Commerce department	2	30.5	8.54	5.00	55.82	1801	3602	64.53
		105 Politics department	1	30.5	4.27	2.38	26.55	1803	1803	67.91
		106 Class room	5	30.5	21.35	11.59	129.34	1804	9020	69.74
		107 Class room	5	30.5	21.35	11.29	125.94	1805	9025	71.66
Second floor		Seminar hall	7	30.5	29.89	15.37	171.55	1806	12642	73.69
		201 Class room	5	30.5	21.35	10.68	119.13	1807	9035	75.84
		202 Class room	5	30.5	21.35	10.37	115.73	1808	9040	78.11
		203 Class room	2	30.5	8.54	4.03	44.93	1809	3618	80.52
		204 BBA department	2	30.5	8.54	3.90	43.57	1810	3620	83.09
		205 Junior staff room	2	30.5	8.54	3.78	42.21	1811	3622	85.81


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



		206 Computer lab	6	30.5	25.62	10.61	118.45	1813	10878	91.83
		207 Chemistry lab	1	30.5	4.27	1.71	19.06	1814	1814	95.17
		208 B-Voc lab	8	30.5	34.16	13.18	147.04	1815	14520	98.75
		301 Physics lab	6	30.5	25.62	9.52	106.20	1816	10896	102.60
		302 Class room	1	30.5	1.07	0.38	4.25	1817	1817	427.05
Girl's hostel	All	Visitor room	1	30.5	4.27	1.40	15.66	1819	1819	116.17
		Servant room	1	30.5	4.27	1.34	14.98	1820	1820	121.52
		Warden room	1	30.5	4.27	1.28	14.30	1821	1821	127.38
		Sick room	1	30.5	4.27	1.22	13.62	1822	1822	133.82
		Reading room	1	30.5	4.27	1.16	12.93	1823	1823	140.94
		All rooms	1	30.5	4.27	1.10	12.25	1824	1824	148.85
Gymkhana		Gym room	5	30.5	21.35	4.88	54.46	1826	9130	167.64


PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Total fan savings		
Monthly consumption	466.22	kWh/month
New monthly consumption	235.18	kWh/month
New monthly saving	231.04	kWh/month
New monthly saving	2578.41	INR/month
Total Investment	204211	INR
Payback period	79.20	months



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





SAVING BY CHANGINF THE MSEDCL TARIFF

OBSERVATION

1. It is observed that college paying electricity bills by commercial tariff rate which average 7.07 INR/kWh
2. But for institutions actual MSEDCL tariff is "Public Services- Others" with average unit rate is 4.57 INR/kWh

RECOMMENDATION

1. It is recommended that to change the tariff of electricity bill from commercial to public services-others.

SAVINGS MEASURES

SAVINGS DUE TO MAINTAINING POWER FACTOR

Particulars- tariff change			
Monthly consumption	1632	kWh/month	
Average unit rate by commercial tariff	11.16	kWh/month	
Average unit rate by public services-others	8	kWh/month	
Monthly saving	5157.12	INR/month	
Yearly saving	61885.44	INR/month	
Total Investment	0	INR	
Payback period	0	months	

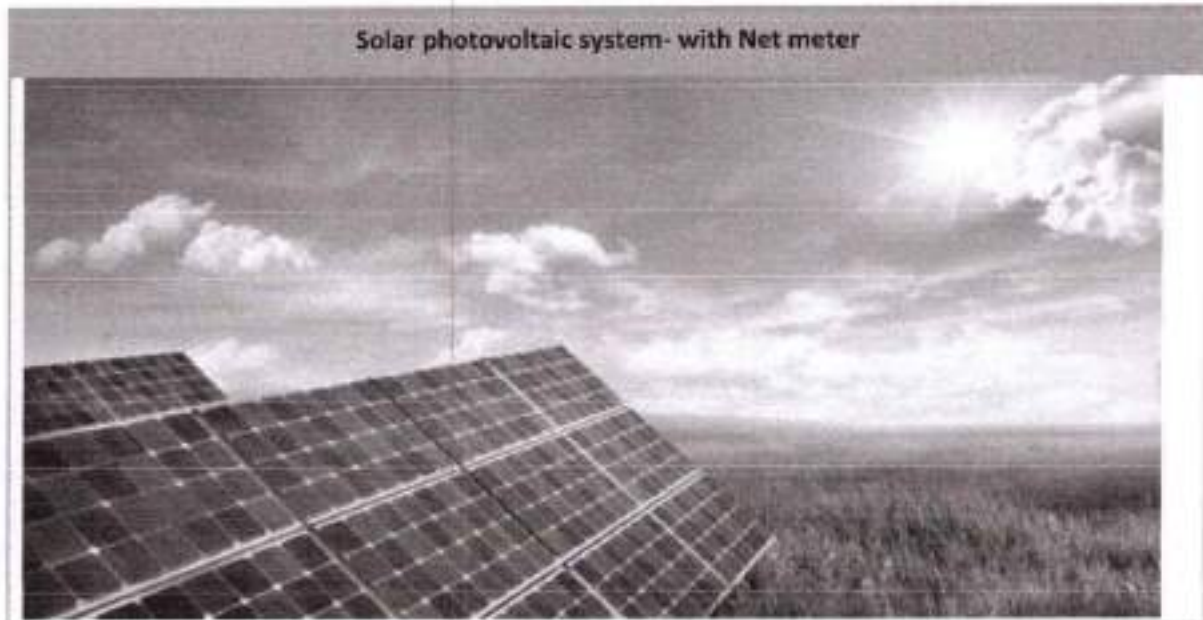


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



SOLAR PV SYSTEM WITH NET METER

INTRODUCTION



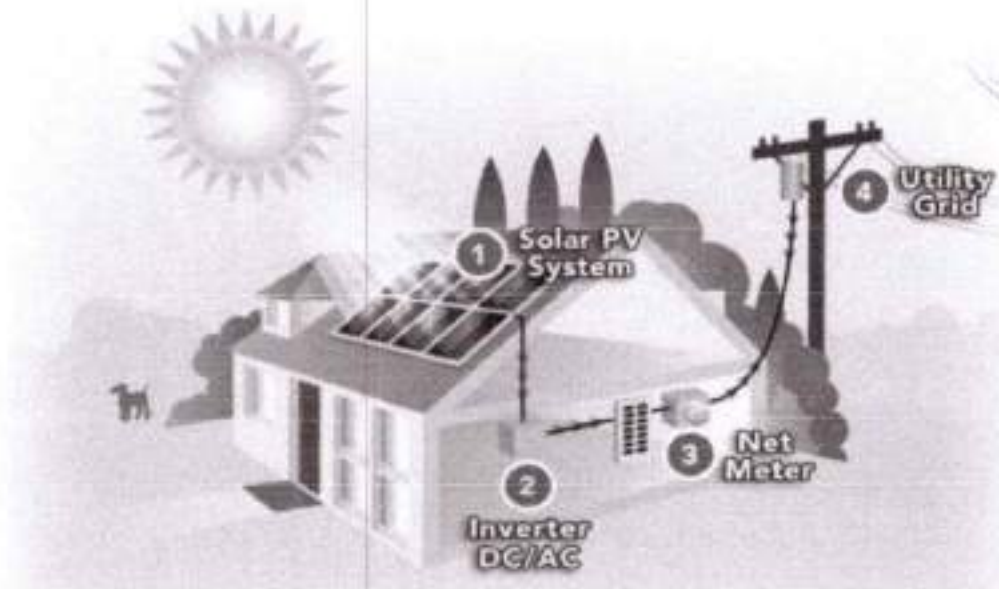
Maharashtra Government has new solar energy policy name as "Rooftop Solar with Net Meter system". Maharashtra government encourages to install rooftop solar PV system with net meters at available roof top of consumers. This helps to reduce the burden on existing conventional fuel fired power plants in the country.

Solar Rooftop Net meter system helps consumers to reduce the electricity consumption in the electricity bill due to net meter.


PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-47.





OBSERVATION

1. It is observed that in the college has installed Solar PV system for solar energy generation.
2. Existing total capacity of Solar PV system is 20 kWp i.e 15 kWp on girl's hostel building and 5 kWp on college building
3. Energy consumption of the college is average 1,632 kwh/months
4. College still has huge rooftop space available for Solar PV system to expand.

RECOMMENDATION

1. College can increased the capacity of Solar PV system on rooftops as per existing energy consumption and rooftop space available on various available rooftop space of the buildings on CAPEX model.
2. Or College can increased the capacity of Solar PV system on OPEX model i.e Built Operate Transfer (BoT) model where no need of investment by college.

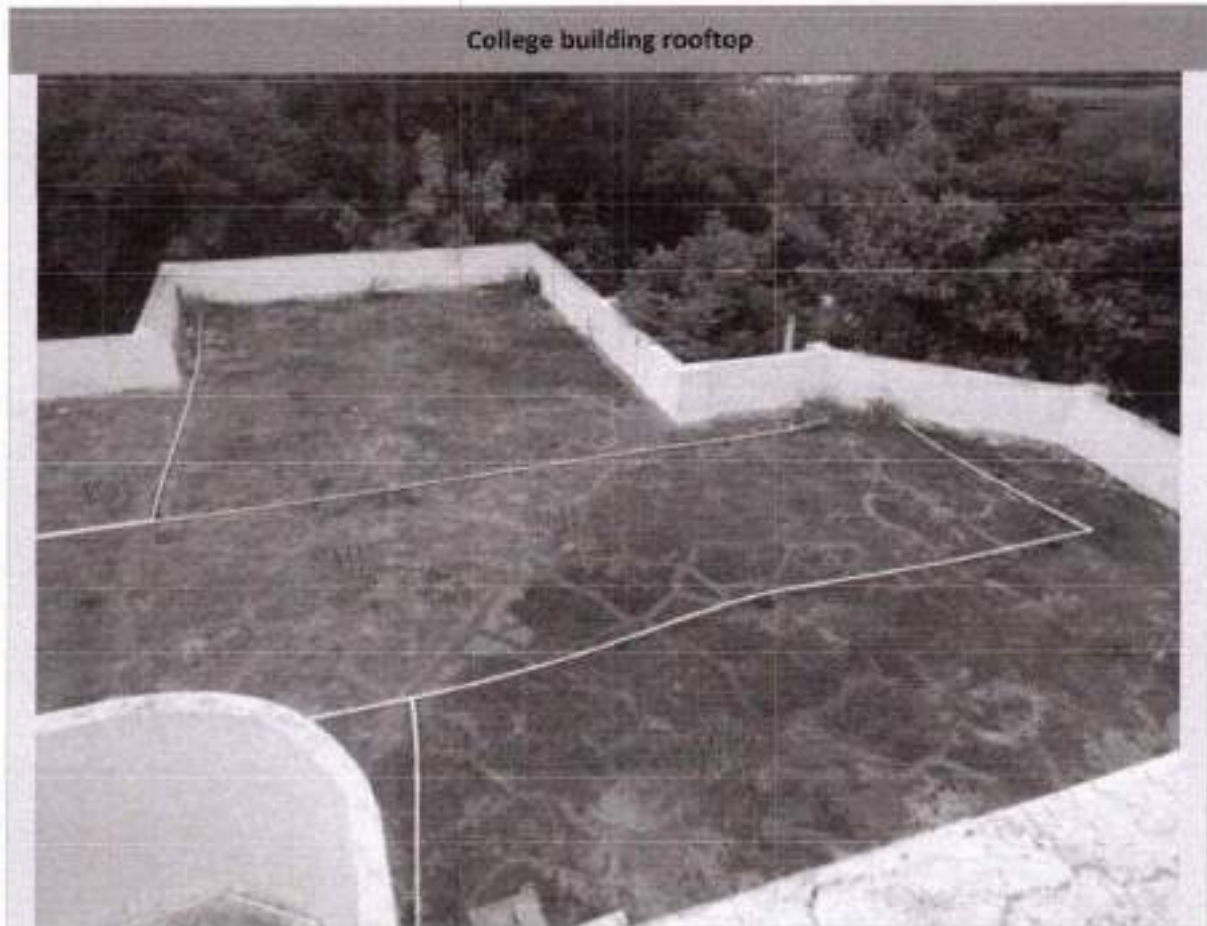

PRINCIPAL
 Dr. Babasaheb Ambedkar Mahavidyalaya
 Aurangabad





SAVINGS MEASURES

SAVINGS DUE TO SOLAR PV SYSTEM INSTALLATION AND AVAILABLE ROOFTOP SPACE

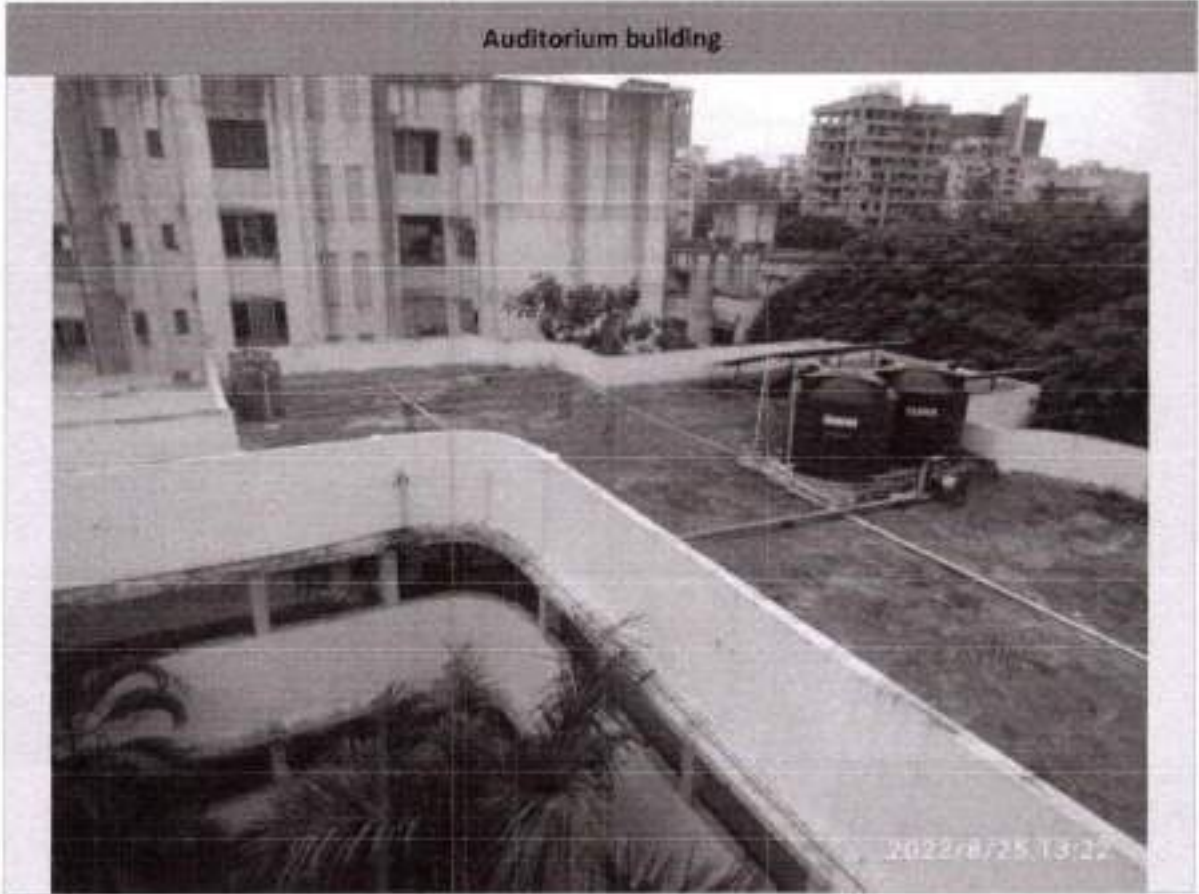



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.





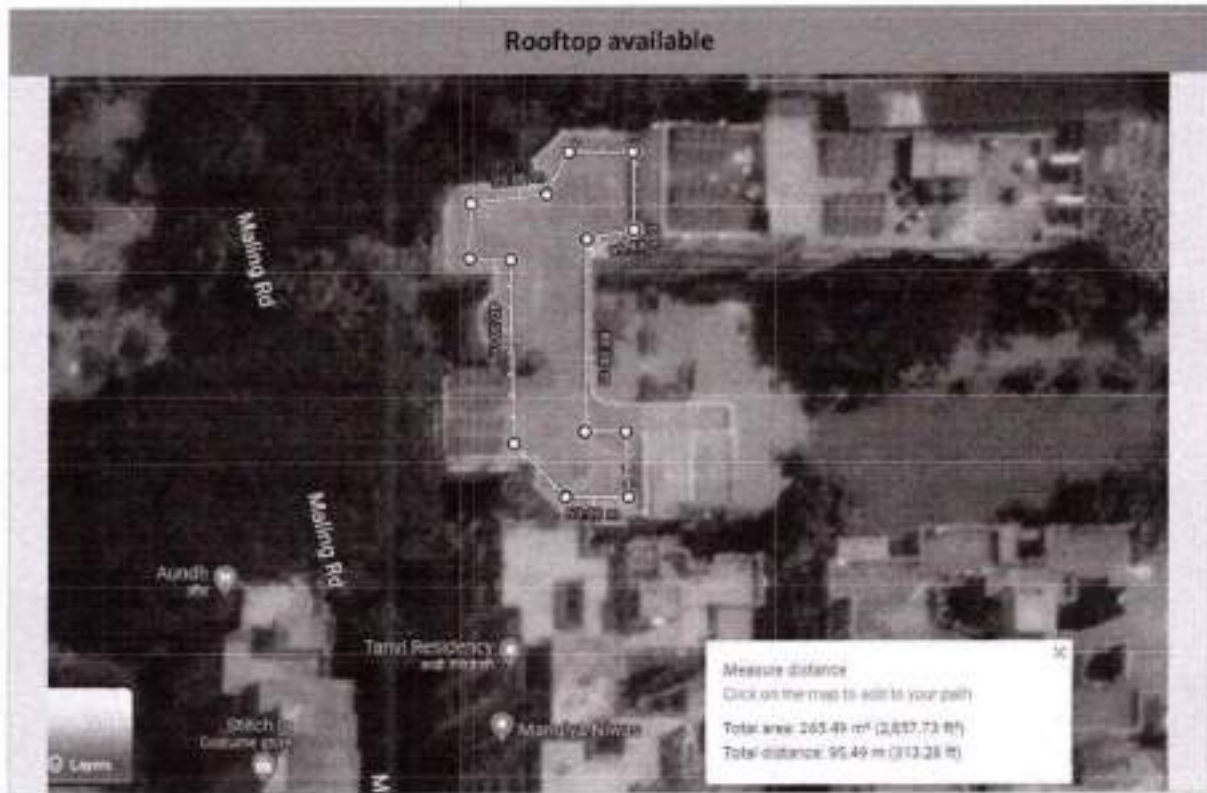
Auditorium building




PRINCIPAL

Dr. Babasaheb Ambedkar College
Aundh, Pune-57.





162
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





Particulars- Solar PV system- Building rooftop			
Capacity of Solar PV system to be increased	14		kWp
Units generation per month	1575		kWh/month
Units generation per year	18900		kWh/year
CO2 emission reduction/year	16.07		tonnes of CO2e
Cost saving	17577		INR/month
Investment	630000		INR
Payback period	2.99		year


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



CO₂ EMISSION REDUCTION

CO ₂ emission reduction done due to new energy efficient and renewable energy		
Energy saved by new energy efficient technology	1680	kWh/year
Energy saved by renewable energy	27000	kWh/year
Total CO ₂ emission reduction/year achieved	24.38	tonnes of CO ₂ e

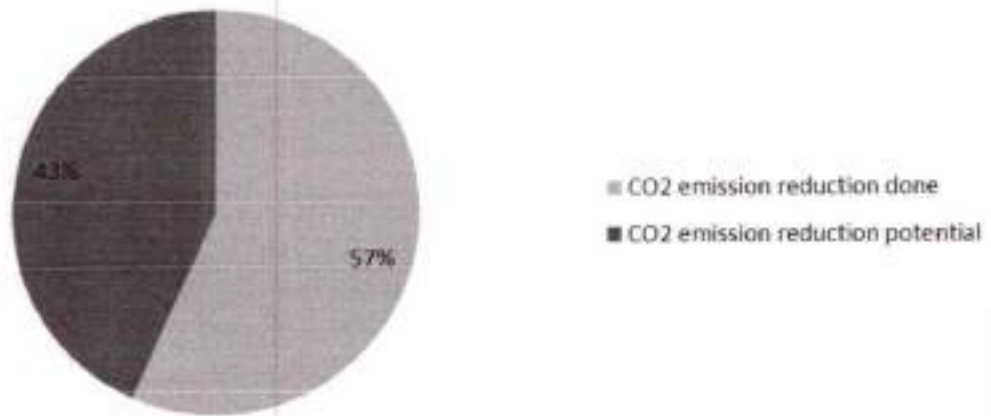
CO ₂ emission reduction potential		
Energy saving potential by new energy efficient technology	2988	kWh/year
Energy saving potential by renewable energy	18900	kWh/year
Total potential of CO ₂ emission reduction/year	18.61	tonnes of CO ₂ e


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-41.

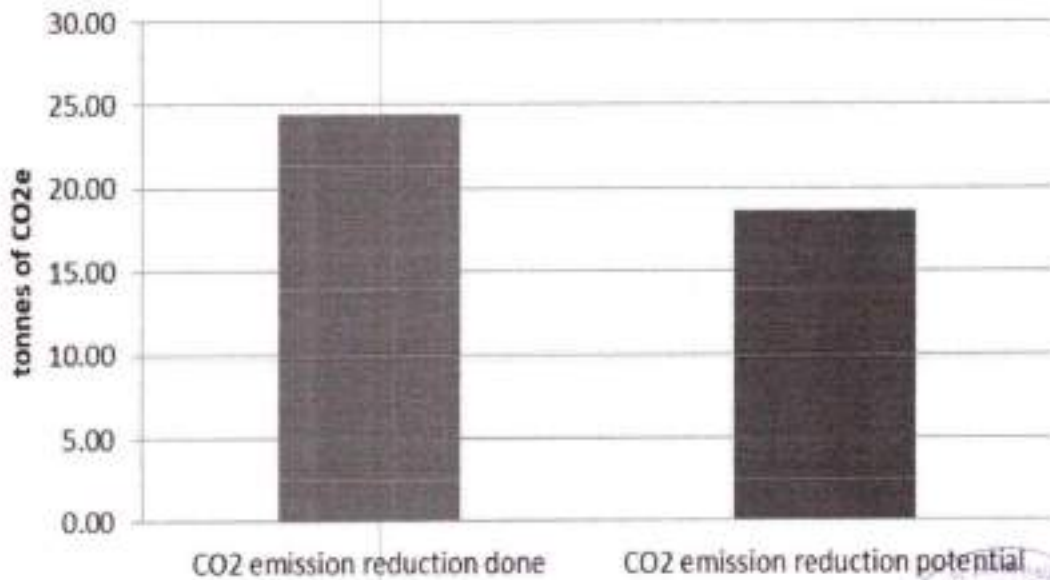




% CO2 emission reduction done and having potential in tonnes of CO2e



CO2 emission reduction





ASR
PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.





ENERGY CONSERVATION BY SAVING OF WATER

1. TAP WATER REDUCER

Conventional Tap water system	Tap water system with Reducer
	
<p>Existing tap water system uses more water while during purpose of washing of utensils, hands etc in college.</p>	<p>Used reducer to tap water for purpose of washing of utensils, hands etc which reduces flow of water and ultimately saves the water.</p>
<p style="text-align: center;">⊘</p>	<p style="text-align: center;">✓</p>

RECOMMENDATION




It is recommended that to use water reducer for water taping for save the water.


PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67.



ANNEXTURE

ENERGY EFFICIENT FANS

	
	<p>28 watts</p>
	<p>18watts or 8 watts as per size and load</p>

Handwritten signature



Handwritten signature
PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-67.



7.1.3



Green Audit

Report

2018-19

2017-18

Dr. Babasaheb
PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-411 007



**GREEN
SOLUTIONS
PROVIDER**

MEDA Regn. No. : MEDA/ECN/CR-01/2014-15/EA-29

**Indian
Green
Building
Council**

Accredited Professional



GREEN WATER SOLUTIONS PROVIDER PVT. LTD.

Energy & Water Conservation - Consulting, Studies & Audit,
Digital Intelligent Monitoring Systems & Solutions
Renewable Energy, Training & Awareness

CIN No. - 4999PN2009PTC134874

2017-2018 — 2018-2019

GREEN AUDIT REPORT FOR

*Bharatratna
Dr. Babasaheb
Ambedkar college
Aundh, , Pune*



MVA
प्राचार्य
डॉ. बाबासाहेब आंबेडकर महाराष्ट्र राज्य
अधिगण, पुणे-४४



Report by - Mr. Surendra N. Patwardhan

Educational Qualifications – D.M.E, BE (MECH), D. M. M.,

P.G.D.B.A. , M.B.A.

LEAD AUDITOR FOR

ISO 9001, ISO 14001, OHSAS 18001

QUALITY, ENVIRONMENT, HEALTH AND SAFETY

AUDITOR FOR

ISO 22000, ISO/TS 16949

FOOD, AUTOMOBILE

PRASHANT S SHINDE.

BE. MECHANICAL, MDBA, ENERGY AUDITOR, GREEN BUILDING
PROFFESIONAL, MEMBER NATIONAL SAFETY COUNCIL OF
INDIA.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Initial Information received from College

Name of the organization: Bharatratna Babasaheb Ambedkar College, Aundh, Pune.

Address: Aundh Gaon, Pune .

Contact Person: Principal Dr. Mrs. M.V Bobde

Tel. / Fax / E - Mail: 020-25880883 / bdba college@gmail.com.

Category: Teaching institute

No. of Employees:

- On Organization roll : 29
- Contractual: 12

No. Of students: 1927 . Girls 701 Boys 1226.

Liasoning Department: Pune Municipal Corporation .

Concerned Person with designation: -- Mr. T.K Hatekar Environmental cell.

Applicable National / Regional / Local Environmental Legislation:

Environmental protection act

On-Site Emergency Plan details:

- MEDICEL for post exposure prophylaxis
- MEDICEL for medical emergencies




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Focus Areas are –

- A. Solid Waste and Recycling
- B. Electricity and Natural Gas Use
- C. Water and Wastewater
- D. Wetlands, Stormwater Management and Campus Grounds
- E. Emissions and Air Quality
- F. Food Services

Green Audit Report




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-47.



- In nearby villages, 2 check dams constructed by students and staff.
- Approximately 100 plants recently planted.
- Bins are kept for collection of waste.
- Compacting machine is available.
- Sagar mitra is associated.
- E waste is collected and sorted .
- Quotations received for hydrant systems.
- Water head calculations is done for water and records are available.
- Legal records are available.
- Fire extinguishers are available.
- Emergency Contact Details displayed.
- Instead of plastic dishes, innovative use of dishes made of tree leaves are seen , this is appreciable effort.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.



Points planned & not available, but recommended are as follows --

- 1) Environmental policy to be defined ✓
- 2) Environmental objectives to be defined ✓
- 3) Improvement plans to be recorded
- 4) Training records required for students and staff. ✓
- 5) Safe assembly / emergency muster point to be displayed.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Efforts for Carbon neutrality -

- 1) Students to be made aware of the Carbon Credits, Carbon Neutrality; its advantages etc., trainings to be arranged for this.
- 2) Plantation - Tree data is required of big trees & small trees.
- 3) Vermiculture plant evident but needs to be more effective and operational.

E-Waste management -

- 1) Stock of this waste is evident, the disposal agency is identified.


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





A - Solid waste

- 1) For food disposal records are required.
- 2) Book recycling – Book bank evident today, but method to be defined.
- 3) Paper Consumption- Waste data is required. Recycling of paper to be done.
- 4) At present garden waste is converted as compost and used. Other garbage is given to the corporation.

B - Electricity and gas usage

No evident gas usage.

Energy Audit conducted.

Executive summary of the Energy Audit.

The campus has got one LT connection for the college building and another for Ladies hostel. The total annual electricity bill for college & hostel put together is Rs. 4.46 lakhs. From the monthly electricity Bill Analysis, the average electricity cost works out to be Rs. 16.29 kWh for college and Rs. 11.63 / kWh for hostel. These values have been considered for savings calculations.

S. No.	Recommendations	Savings		Investment	Simple Payback
		kWh/year	Rs./year	Rs.	Year
For College					




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-07.



S. No.	Recommendations	Savings		Investment	Simple Payback
		kWh/year	Rs./year	Rs.	Year
1	Reduction of contract demand from 63 kVA to 20 kVA		44880		
2	Improving power factor to unity		13000	5000	0.4
3	Installing 18W LED tube lights in place of existing 40W Tube lights in College – 69No,	1987	32365	69000	2.1
4	Installing 5 kWp Solar PV power plant	7008	114137	500000	4.4
	Total (A)	8995	2,04,382	5,74,000	2.8
For Hostel					
1	Installing 18W LED tube lights in place of existing 40W Tube lights in Hostel – 34 No.	1632	18978	34000	1.8
2	Installing 2 kWp Solar PV power plant	2803	32598	200000	6.1
	Total (B)	4435	51,576	2,34,000	4.5
	Total (A)+(B)	13430	255958	8,08,000	3.2

Apart from the above projects, following suggestions are made for improvement:

- The ceiling fans should be of five star rating for new purchase and replacement.



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



- The computers should have power saving settings for screens & CPU. Screen should get off after 10 to 15 minutes of idle time.
- 1000 litres solar water heating system installed in hostel.

C - Water consumption

- a) Water source Corporation supply and Bore well.
- b) Bore well has 1.5 Hp submersible pump.
- c) Hostel and college buildings have 2000 litres ground tanks each for drinking water.
- d) Bore well water is used in hostel 4000 litres for domestic purpose and 1000 litres for solar water heating system.
- e) College has a overhead tank of 2000 litres capacity filled by bore well pump three times a day.
- f) Drainage system is evident. STP is not available but advisable. Water treated can be used for tree plantation
- g) Water leakage – displays are to be done, Trainings are to be provided & data is also required.
- h) Water Tank cleaning records are required.
- i) As the college is near a river ground water level is good.
- j) Rain water harvesting potential from college building is 227.5 cubic meters or 227500 litres and of hostel is 142.8 cubic meters or 142800 litres.



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-47.



D - About land -

- a) Tree Data is for big and small available.
- b) Impervious v/s Pervious surface proportion records show 1/3 and 2/3 by percentage. Pervious surface evident in the play ground and the land surrounding the college and hostel buildings. Enough green cover present.
- c) Terrace area of College building is 325.16 square meters and that of hostel building is 204 square meters.

E - AIR quality monitoring -

- a) No evident use of VOC based paints.
- b) Air quality monitoring monthly records required. ✓ Not possible
- c) PUC checking records are required. ✓ Not possible.
- d) Garbage should not be burned in the campus.

F - FOOD -

- a) No canteen in premises.
- b) Food safety training or hygiene training is required.
- c) Food handling displays.
- d) Disposal of waste food- Methods to be defined/ displays and records are to be maintained.





Conclusion –

Based on the audit conducted at your college you are complying with all important requirements of clause no. 7 of NAAC requirements.

Awareness and clarity is seen among staff for environment. Staff is taking pains to address requirements .

Additional points are given to you for further improvements to strengthen environmental system adopted by you. By complying with these points the effectiveness of system will be improved.

Regards –

Mr. Surendra N. Patwardhan

Auditor.

Prashant Shinde.

Team member.



Prashant Shinde



**GREEN WATER SOLUTIONS
PROVIDER PVT. LTD.**
SAHAYOG, 17/A, HANUMAN NAGAR
PUNE-INDIA-411 016
www.greensolutionsprovider.com

Prashant Shinde
PRINCIPAL
डॉ. बाबासाहेब आंबेडकर महाविद्यालय,
अंधावा, पुणे-६७
Aundh, Pune-57

Zero Waste College Campus Theme Park

Ms. Manjushree Bobade
Principal
Rayat Shikshan Sanstha
Aundh, Pune.
25.2.2017

At a glance Scope:

Sr. No	Rayat	KHF
1	Waste Management Club of Students to be formed	
2	Classroom waste collection	Technical support
3	Campus waste collection	Training to students, College Staff, Gardener, Parents etc
4	Garden waste collection	Demonstration
5	Canteen waste collection	
6	Gardener to maintain Garden	
7	Project Coordinator for daily monitoring	
8	Boards and Signage's -Segregation -Composting/Vermi Composting -Composter Planter	Matter to be provided for Boards and Signage's
9	Wall painting for waste management themes	
10	Watering arrangement with hosepipe & shower	
11	Trench to be dug of size 5'x3'1.5' (1 no)	
12	Necessary hand tools- Ghameli, Fawadi, Khurapi, Rakes, Siketer, Tikav, Kudal, Spray Pump etc	
13	Deep pit for reject waste	
14	Hall to be provided for trainings with Audio/Visual facility	
15	Documentation- 1. Manpower per day 2. Waste generated characterization 3. Use of Waste (Recycling/Up-cycling) - Bottles - Container 4. Organic Waste - Kitchen Waste - Garden Waste	
16	Gravel for pathways	
17	Shed loving flowering & ornamental plants as per the requirement	
18	Manpower for new plantation	
19	Soil if required for new plantation	
20	Manpower to maintain the project during summer & Diwali	



Manjushree Bobade
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Know How Foundation Scope of Supply & Services:

Sr. No	Particulars	Qty	Rate (Rs)	Amount (Rs)	KHF scope	Rajyat scope
1	Bio bag for garden waste treatment	4 no's	450/bag	1800.00		Area- 100 sq ft
2	Bio bag for plastic waste storage	2 no's	450/bag	900.00		Area- 50 sq ft
3	Bio bag for other waste (Thermocol) storage	2 no's	450/bag	900.00		Area- 50 sq ft
4	Awareness Demo & Training sessions	10 no's	2000/session	20000.00	For Students, College staff, Gardner, Parents	Hall, Audio/Video visuals
	Segregation				Training & Demo	
	Composter Planter				Training & Demo	
	Trench Composting			500.00	Training, Demo & Culture Supply	Trench, Garden waste, watering arrangement etc
	Heap Composting			500.00	Training, Demo & Culture Supply	Garden waste, watering arrangement etc
	Bag Composting			500.00	Training, Demo & Culture Supply	Garden waste, watering arrangement etc
	Garden from Waste			5000.00	Training, Demo, Seeds, Sapling, Enrichment material, Pest & Nutrition management kit Supply	Garden waste, Compost, watering arrangement, hand tools etc. Soil if required.
	Up-cycling of waste containers (Bottles, Tyres, Trays, Hangings etc)				Training & Demo	Waste Containers and Compost
5	Indoor pollution remediation plants with names & importance	20 no's	250/plant	5000.00	Supply by KHF.	
6	Follow up visits for 6 months	12 visits	500/visit	6000.00		
7	Transportation charges			2000.00	Arrange by KHF.	
	Total			43100.00		

Terms & Conditions:

1. Purchase order & Cheque to be released in the name of Know How Foundation.
2. Payment 50% in advance & remaining 50% against material delivery and demonstration work completion.
3. Training charges to be paid against invoice.

Note:

Transportation of Plastic & Thermocol waste to the vendor will be decided later.

Thank You,

Nutan Bhajekar
Trustee Know How Foundation
#99229 70157



MNA
PRINCIPAL
Dr. Babasaheb Ambedkar Maharashtra Sahitya Akademi,
Aundh, Pune-57.

2017-2018

Rayat Shikshan Sansthas

Dr. Babasaheb Ambedkar College, Aundh, Pune- 67

ACTION TAKEN REPORT on ENERGY AUDIT



At most care is taken for energy conservation by all the members of the college. Energy and green audit is done by Green Solutions Provider Pvt. Ltd, Pune.

The college sensitizes students, faculty and staff for energy conservation through lectures; workshop and regular instructions are our routine practices. Following initiatives are taken for energy conservation.

- LED light are installed to conserve energy.
- Two solar street lights are placed at the gate and in front of the building.
- A solar panel is installed in the ladies hostel and hot water can be used in the college building which save much energy.
- For the improvement of illumination and to save the electricity, metallic windows are replaced by sliding windows.
- 'No Vehicle Day' is followed on 1st day of each month to create awareness about saving fuel and control pollution.
- Students and faculty switches off all lights and fans before quitting the classroom and departments.
- Signboards and slogans are displayed for creating awareness and practice of saving electricity as "Please switch off all lights and fans after its use and Save Power".
- Institution takes regular preventive maintenance of electric appliances and gadgets to enhance the efficiency to save energy.
- Workshop on Energy conservation has been organized every year.
- Demonstrations on save gas are organized in collaboration with Bharat gas agency.
- Street play was performed by the students on 'Save Energy'.



MSA

प्राचार्य

डॉ. बाबासाहेब आंबेडकर महाविद्यालय,
औंधगांव, पुणे-६७

- # 3. Clean & Green Campus Initiative

Tree Plantation. 2019-2020



Tree Plantation



16/2





Landscaping with Trees and Plants




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-47.

1



रयत शिक्षण संस्थेचे

डॉ. बाबासाहेब आंबेडकर महाविद्यालय, औंध, पुणे

राष्ट्रीय सेवा योजना (NSS) सूचना


दि.18/12/2021

राष्ट्रीय सेवा योजनेच्या विद्यार्थ्यांना कळविण्यात येते की रविवार दिनांक 19/12/2021 रोजी 9 ते 1 या वेळेत डॉ. बाबासाहेब आंबेडकर महाविद्यालय, औंध, राष्ट्रीय सेवा योजना विभाग तसेच जनवाणी संस्था व पुणे महानगरपालिकेच्या संयुक्त विद्यमाने ई- वेस्ट व प्लास्टिक वेस्ट मेगा कलेक्शन ड्राईव्हचे आयोजन करण्यात आले आहे. या कामांमध्ये एन.एस.एस. विभागातील ज्या विद्यार्थ्यांनी नावे दिलेली आहेत. अशा विद्यार्थ्यांनी दिनांक 19/12/2021 रोजी सकाळी 08 वाजता महाविद्यालयाच्या मेन गेट जवळील पार्किंग मध्ये हजर रहावे. तेथे ज्योती मॅडम या आपल्याला स्पॉट देणार आहेत. त्या स्पॉटवर जाऊन आपण प्लास्टिक वेस्ट गोळा करावे व त्याचा अहवाल सोमवार दिनांक 20/12/2021 रोजी प्राध्यापक गुजर सर यांना द्यावा.

आपणास काही अडचण असल्यास प्रा. गुजर सर 9423571951 किंवा ज्योती मॅडम

9823327089 यांना संपर्क करा.


प्रा. गुजर एस पी
कार्यक्रम अधिकारी


डॉ. रेश्मा दिनेकर


प्राचार्य
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-41





[Translation]

Rayat Shikshan Sansta's

Dr. Babasaheb Ambedkar Mahavidyalay

Aundh Pune 67

All the NSS Volunteers are hereby informed that Janvani Sanstha & Pune Corporation & our College have organized E-Waste and Plastic Mega Collection Drive on 19/12/2021 at 9:00 to 1:00 pm.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Janwani
जनवाणी

Administrative Office

Reg No 12 MCCIA Maharashtra
Plot No. 7, 4, 3, Near Vardha 9 Police
Station, Hadapsar Industrial Estate,
Hadapsar, Pune,
Maharashtra - 411013
E-mail : director@janwani.net
Web: www.janwani.org

Registered Office

A Wing, 5th Floor, MCCIA Trade Tower,
International Convention Center
Senapati Bapat Road,
Pune - 411 016 India



The principal
Dr. Babasaheb Ambedkar College
Andhu Pune

Sub: Volunteering at E-waste and Plastic Waste Collection Mega Drive 2021

Sir,

Janwani is working on awareness on E-waste and Plastic waste collection since 2016 across the city. This program is supported by Cummins India Foundation through CSR.

We are planning to conduct a city wide 'E-waste, Plastic Waste Collection Drive' on 19th December 2021, from 9:00 AM to 01:00 PM in collaboration with Pune Municipal Corporation, Cummins India Foundation, Poornam Eco-vision foundation, Sagar Mitra, Thum Creative, Adar Poonawalla Clean City Initiative, K K Nag and other Educational Institutes & social organizations.

The similar initiative was conducted early this year, on 28th February 2021, which received a overwhelming response. Special thanks to Pune Municipal Corporation for the support provided to all of us. More than 3000 citizens donated 15 Tons of E-waste and 8 Tons of Plastic waste at 200 collection centers across the city. We are looking for your support to reach more and more citizens through this initiative.

We request your help & support to provide volunteers from your esteemed organization. The volunteers shall help in mobilizing the citizen to participate in drive and attend the collection center on 19th December between 9:00 AM to 01:00 PM.

The participation of volunteers will help them to contribute for society and environment. They will be provided with 'Participation Certificate'.

The detailed list of roughly 300 Collection centers will be shared with you shortly.

We believe this drive will help in creating awareness among citizens and streamline the collection & scientific disposal of Electronic, Plastic and Thermocol waste and move ahead in good ranking for PMC in SwachhaSarvekshan 2021.

Thank you,

With Regards,

Mangesh Kshirsagar
Senior Project Officer

Satav Tyoti - 9823327089

सा. सुशील कुमार
333

18/12/2021



Chairman
Vijay Kelkar, Ph.D.

Members :

Ajit Nimbalkar | Aruna Bagchee | Arun Firodia | Pratap Payer | Ramanath Jha | S. B. (Ravi) Pandit | Vishal Jain

Ex-Officio Members :

Sudhir Mehta, President, MCCIA | Prashant Girbani, Director General, MCCIA

Director :
Ramesh G. Pandya

Maharashtra Chamber of Commerce, Industries and Agriculture

Supported by

MCCIA
ISO 9001 Organisation



RecyCola



मोफत संकलन

ई-कचरा आणि प्लॅस्टिक कचरा महा संकलन अभियान

- आयफोन व टीव्ही
- मोबाईल व पॅनड्राइव्ह
- हेअरफोन, कॅमेरा
- कॉम्प्युटर व जीऊएस
- फ्लॅश वॉशिंग मशिन



- खेळणी
- यातूट्या आणि कॅन्स
- वेल्डणे
- स्टोअरेज कॅनेस
- एंटरटेनमेंट व्हिडिओ



ई - कचरा म्हणजे डिस्क, लिफ्ट, कोमिक्स, कॅडमियम, पारा, कॅल्शियम यासारखे अनेक रासायनिक घटक असतात; जे मानवी आरोग्यास अतिशय घातक आहेत. सधेच प्लॅस्टिक आणि ई-कचरांमुळे मोठ्या प्रमाणात पर्यावरणाचा दहोला होत आहे. शास्त्रीय पद्धतीने प्लॅस्टिक आणि ई-कचराची विरह्यात ही आजच्या कक्षाची गरज आहे.

दिनांक १९ डिसेंबर २०२१, वेळ सकाळी ९ ते दुपारी १ पर्यंत, ठिकाण -
 ईमेल : admin@janwani.org / drive@poornamecovision.org
 संपर्क : ९१४६०१०६२९/७७२००५४१७४



PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-57.



Flyer

[Translation]

Rayat Shikshan Sanstha's

Dr. Babasaheb Ambedkar Mahavidyalay

Aundh Pune 67

Mega Drive of E-waste and Plastic Waste Collection Campaign

- Dven TV
- Mobiles & Pen drive
- Headphone Camera
- Computer & Mouse
- Fridge Wasting Meeting



- Toys
- Bottles
- Wrappers
- Containers
- Polythin Logy

E-waste Has lead cadiuon, Mercury Chemicals, which are harmful. Similarly use of plastic creates danger to environment so, scientific & systematic disposable of e-waste is need of time

Date - 19th December 2021

Time - 9.00 am to 1.00 PM



 PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



रयत शिक्षण संस्थेचे,

डॉ. बाबासाहेब आंबेडकर महाविद्यालय, औंध, पुणे-67

E-West and Plstic West Mega Collection Drive अभियान कार्यक्रम अहवाल
2021

19/12/2021

डॉ. बाबासाहेब आंबेडकर महाविद्यालय, औंध, राष्ट्रीय सेवा योजना विभाग, भूगोल विभाग तसेच जनवाणी संस्था व पुणे महानगरपालिकेच्या संयुक्त विद्यमाने ई- वेस्ट व प्लास्टिक वेस्ट मेगा कलेक्शन ड्राईव्हचे आयोजन दिनांक 19 /12/ 2021 रोजी सकाळी 08 ते दुपारी 01 या वेळेत करण्यात आले होते.

या वेळी जनवाणी संस्थेच्या वतीने औंध येथील सिंधी कॉलोनी येथे महाविद्यालयातील स्वयंसेवक ई- वेस्ट व प्लास्टिक वेस्ट गोळा करण्या करिता थांबले होते. या वेळी बंद पडलेले 1 TV, 2 laptop, 5 स्पीकर, 2 DVD प्लेयर, 3 टेलिफोन सेट, 3 मोबाईल हॅंडसेट, 3 ट्यूब सेट, 1 इस्वी तसेच 1 बादली प्लास्टिक वेस्ट गोळा करण्यात आले. सदर 22 कुटुंबा कडून गोळा झालेले साहित्य जनवाणी संस्थेच्या ज्योती सताव मॅडम यांना सुपूर्द केली.

कार्यक्रम यशस्वी होण्यासाठी जनवाणी संस्थेच्या ज्योती सताव मॅडम, पुणे म.न.पा. कर्मचारी, महाविद्यालयाचे प्राचार्य डॉ. अरुण आंधळे, उप - प्राचार्य डॉ. संजय नगरकर यांचे सहकार्य लाभले. त्याच प्रमाणे कार्यक्रम अधिकारी प्रा. सुशीलकुमार गुजर, डॉ. रेश्मा दिवेकर राष्ट्रीय सेवा योजना विभागाचे 13 स्वयंसेवक यांनी परिश्रम घेतले.


राष्ट्रीय सेवा योजना




प्राचार्य
PRINCIPAL
डॉ. बाबासाहेब आंबेडकर महाविद्यालय,
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



ई- वेस्ट व प्लास्टिक वेस्ट मेगा कलेक्शन ड्राईव्हच्या वेळी गोळा झालेले साहित्य व स्वयंसेवक



[Translation]

Report

Rayat Shikshan Sanstha's

**Dr. Babasaheb Ambedkar Mahavidyalay
Aundh Pune 67**

Topic – Volunteering at E-waste and Plastic Waste Collection Mega Drive 2021

Date – 9.00 to 1.00 pm

Collection – Jarani Sansta, Pune Corporation & Dr. Babasaheb Ambedkar College

Task Assigned – Collection of E-waste plastic waste from Sindh colony

Briefing – Students collected outdated

- 1 TV
- 2 laptops
- 5 Speaker
- 2 DVD
- 3 Telephone Set
- 3 Mobiles
- 3 Tube Waste
- 1 Pron
- 1 Plastic Bueket

Volunteers – 13 Students




PRINCIPAL

**Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.**

Rayat Shikshan Sanstha's

Dr. Babasaheb Ambedkar Mahavidyalaya, Aundh, Pune-67



NSS Presenty

Date 19/12/2021 Time 08.00 to 01.00 Programme - E-West and Plstic West Mega Collection Drive

Sr No.	Name of Goods Donor	Name of Goods	Quantity	Signature
1	Smit Singh	Admatic Iron	01	[Signature]
2	Atay Lalwani	Laptop	01	[Signature]
3	Sahjan Ahimsara	DVD Player	01	[Signature]
4	Krushan Kirsular	Speaker	02	[Signature]
5	Pranod Jain	Mobile handset	01	[Signature]
6	S.S. Mahajan	Telephone set	01	[Signature]
7	Sahjan Arora	T.V set	01	[Signature]
8	Mehal Lalwani	Electric Capstern	05	[Signature]
9	Abhi Jain	Radio Kettle	10	[Signature]
10	Lubia Sude	Laptop	01	[Signature]
11	A	Hand saw	01	[Signature]
12	Mahesh Singh	Subset	02	[Signature]
13	Lalwani Deepak	Speaker set	02	[Signature]
14	Krushan Menan	D.V.S	01	[Signature]
15	Shree Mahan	Plastic	40	[Signature]
16	Meeran Hidayat	double ball	01	[Signature]
17	Premi Shrivast	Telephone set	01	[Signature]
18	Anushresh Chopra	Mokha set	01	[Signature]
19	Sigant Bhatti	Speaker (Dip set)	01	[Signature]
20	Devi Damani	Radio Kettle	10	[Signature]
21	Mishraudani Akhil	Tablet	01	[Signature]
22	Ranjit Arora	Radio	15	[Signature]
23	Shree Lalwani	Telephone set	01	[Signature]
24				
25				
26				
27				

[Signature]
(Camp SP)





Rayat Shikshan Sanstha's

Dr. Babasaheb Ambedkar Mahavidyalaya, Aundh, Pune-67

NSS Presenty

Date 19/12/2021

Time 8.00 to 11.00

Name of Program E-waste and Plastic waste collection

Sr No.	Name of Students	Roll no	Signature
1	Nikita Ramesh Nawade	FYB.Com.	Nikita
2	Harshada dhaygode	FYBA.	Harshada
3	Sneha subhash Waghare	FYB.com	sneha
4	Vikas surykant ijagaj	FY.B.A.	Vikas
5	Rohit G.Kamble	FYBA.	Rohit Kamble
6	Padma Mallesh Kamble	FYB.com	Padma
7	Tesawini Kishor Manwas	FYBA	Tesawini
8	Ajay J. Thoradkar	FYBA.	Ajay
9	Nilesh Anil Kelgare	FYBA.	Nilesh
10	Saurabh Shahir	FYBA.	Saurabh
11	Naresh Khelri	FYBA.	Naresh
12	Poonam Chandrakant Naiknaware	Sy.3.com	Poonam
13	Nilima Bhawan Sabale	Sy B.com	Nilima
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			

(G. J. ... SP.)



(Signature)

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



37	SYBCOM	Kamble Priti Sanjay	Air Pollution
38	SYBCOM	Kamble Rohit Ganpati	Global Warming
39	SYBCOM	Karanjkar Rushikesh Anil	Global Warming
40	SYBCOM	Karnure Pooja Kadaji	Global Warming
41	SYBCOM	Khaske Gourishankar Nagnath	Water Conservation
42	SYBCOM	Khole Akshay Ramesh	Global Warming
43	SYBCOM	Khole Vivek Balu	Hospital Waste Management
44	SYBCOM	Korde Gopal Madhavrao	Global Warming
45	SYBCOM	Mahale Seema Namdeo	Impact Of Urbanization On Environment
46	SYBCOM	Manjalkar Kajal Santosh	Impact Of Urbanization On Environment
47	SYBCOM	Manjrekar Ishant Ramu	Water Conservation
48	SYBCOM	Manmode Divya Vishwanath	Effect Of Global Climate Changes
49	SYBCOM	Manohar Kajal Ganga	Global Warming
50	SYBCOM	Misal Kaveri Dilip	Ozone Depletion
51	SYBCOM	Momin Muskan Mohammad	Solid Waste Management
52	SYBCOM	More Rushikesh Gorakh	Global Warming Temperature
53	SYBCOM	Nagdeve Tushar Gunwantrao	Global Warming
54	SYBCOM	Naiknavare Poonam Chandrakant	Global Warming
55	SYBCOM	Nirval Shivam Vishnu	Noise Pollution
56	SYBCOM	Nirval Somnath Mahadev	Soil Pollution
57	SYBCOM	Nitnaware Gauri Vishal	Solid Waste Management
58	SYBCOM	Ovhal Divya Sandesh	Water Management
59	SYBCOM	Parte Krutika Santosh	City Water Pollution
60	SYBCOM	Patil Rohit Sanjay	Global Warming
61	SYBCOM	Pawar Aniket Anil	Hospital Waste Management
62	SYBCOM	Pawar Suvarna Shankar	sanctuaries in India
63	SYBCOM	Pawar Varsha Pravin	Water Conservation
64	SYBCOM	Pirjade Alfiya Jamirkhan	Waste Conservation
65	SYBCOM	Pokale Gauri Shankar	Waste Conservation
66	SYBCOM	Poul Priyanka Satva	Global Warming
67	SYBCOM	Rajegaonkar Atish Yuvraj	Water Conservation
68	SYBCOM	Rathod Sharda Kisan	Global Warming
69	SYBCOM	Rathod Vinod Budhappa	Global Warming
70	SYBCOM	Raut Ratnadeep Haribhau	Waste Conservation
71	SYBCOM	Sakkargi Mashak Huseni	Global Warming
72	SYBCOM	Salunke Suraj Vasant	Conservation Of Biodiversity
73	SYBCOM	Salve Akshada Ramrao	Global Warming
74	SYBCOM	Sapat Jyoti Eknath	Water Conservation
75	SYBCOM	Sawant Prajakta Dayanand	Ozone Layer Depletion
76	SYBCOM	Shaikh Minaj Najir	Global Warming
77	SYBCOM	Shaikh Sameer Hajeemalang	Global Warming
78	SYBCOM	Shetty Akshay Dayadish	Ozone Pollution
79	SYBCOM	Shinde Komal Mukesh	Water Pollution
80	SYBCOM	Shinde Sandesh Sitaram	Global Warming

HoD.

Department of Geography
DBAC Aundh-Pune-67



Date: ... June-67



81	SYBCOM	Shinde Shubhangi Ramesh	Noise Pollution And Festival
82	SYBCOM	Shinde Shweta Santosh	Soil Pollution
83	SYBCOM	Shinde Sonali Bajirao	Global Warming
84	SYBCOM	Shinde Suraj Dnyaneshwar	Global Warming
85	SYBCOM	Sonkambale Ajay Tanaji	Global Warming
86	SYBCOM	Sutar Nilesh Vijukumar	Water Pollution
87	SYBCOM	Sutar Pratidnya Bhalchandra	Global Warming
88	SYBCOM	Thorat Neha Nitin	Global Warming
89	SYBCOM	Thorat Priyanka Arun	Water Pollution
90	SYBCOM	Thosar Shraddha Sampat	Global Warming
91	SYBCOM	Thosar Shweta Sampat	Waste Conservation
92	SYBCOM	Tirtha Priya Gopal	Global Warming
93	SYBCOM	Vairat Aarti Suresh	Industrial Waste Management
94	SYBCOM	Vitkar Priyanka Subhash	Global Warming
95	SYBCOM	Vitkar Surekha Sambhaji	Noise Pollution
96	SYBCOM	Karuna Waghmare	Global Warming
97	SYBCOM	Waghmare Sneha Subhash	Global Warming
98	SYBCOM	Zare Mayuri Randhir	Waste Conservation
99	SYBCOM	Kanapur Mallesh Durgappa	Water Pollution
100	SYBCOM	Gunjal Isha Hanumant	Global Warming
101	SYBCOM	Khamkar Prasad Raju	River Water Pollution
102	SYBCOM	Dhavale Nikita Vilas	Water Pollution
103	SYBCOM	Sabale Nilim Bhagwan	Air Pollution
104	SYBCOM	Pawar Rushikesh Vilas	Global Warming
105	SYBCOM	Birajdar Saurabh Mahesh	Global Temperature
106	SYBCOM	Chavan Srushti Bharat	Water Pollution
107	SYBCOM	Chandvilkar Sonali	Urbanization Efficiently
108	SYBCOM	Umar Farukh Mullne	River Water Pollution
109	SYBCOM	Karwar Laxmi Shivyogi	Waste Conservation
110	SYBCOM	Mashak Huseni	Air Pollution
111	SYBCOM	Sakshi Khurungule	Desertification
112	SYBCOM	Dhanepkar Pawan	Air Pollution
113	SYBCOM	Bhosale Komal Sanjay	Maharashtra: National Park Information
114	SYBCOM	Shaikh Anwar Akhlakh	Water Conservation
115	SYBCOM	Harshal Tanaji Mate	Noise Pollution
116	SYBCOM	Savant Prajkt Dayanand	Ozone Depletion

for Komal
HOD

HOD,
Department of Geography
DEAC Aundh-Pune-67



[Signature]
PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



RAYAT SHIKSHAN SANSTHA'S
DR. BABASAHEB AMBEDKAR MAHAVIDYALAYA, AUNDH PUNE-67

★ DEPARTMENT OF GEOGRAPHY ★
❖ S.Y.B.A- 2021-22 EVS PROJECT TITLE TRANSLATE ❖

Sr. NO.	CLASS	STUDENT NAME	PROJECT NAME
1	SYBA	Adsul Mrinal Vivek	Home Water Management
2	SYBA	Ahire Diksha Nana	Water Conservation
3	SYBA	Balwadkar Supriya Tushar	Environment Act An India
4	SYBA	Barge Dipali Kishor	Global Warming
5	SYBA	Barve Tejas Vinod	Cyclone Disaster Management
6	SYBA	Bhalerao Roshni Ashok	Water Conservation
7	SYBA	Chavan Pooja Swapnil	Need Of Water Conservation
8	SYBA	Dagade Priyanka Vitthal	Effect Of Global Warming
9	SYBA	Daspute Seema Bapurao	Effect Of Global Warming
10	SYBA	Deshmukh Rushikesh Raju	Cyclone Disaster Management
11	SYBA	Devde Aniruddha Shivaji	Global Warming
12	SYBA	Dhabale Priyanka Dilip	Global Warming
13	SYBA	Dhengale Yamuna Khema	Solid Waste Management
14	SYBA	Ghamande Bharti Somanath	Solid Waste Management
15	SYBA	Ghodake Sakshi Banti	Global Warming
16	SYBA	Gilche Atul Vitthal	Indian National Park
17	SYBA	Gurav Arjun Sambhaji	Water Conservation
18	SYBA	Hadpad Vinayak Vithal	Disaster Management Of Flood
19	SYBA	Ingawale Pradip Gunda	Soil Pollution
20	SYBA	Jadhav Vaishnavi Jotiram	Ozone Depletion
21	SYBA	Jafare Gaurav Ramesh	Conservation Of Biodiversity
22	SYBA	Jinwal Shubham Satvir	River Pollution
23	SYBA	Kadlak Shubham Madhukar	Environment Protection Act In India
24	SYBA	Kadu Ajay Vijaykumar	Problem Of Global Warming
25	SYBA	Kamble Swapnil Sunil	Water Conservation
26	SYBA	Kamble Vidhya Pandurang	Effect Of Globing Warming
27	SYBA	Karade Priyanka Popat	Solid Waste Management
28	SYBA	Kengale Harshali Shantanu	Effect Of Globing Warming
29	SYBA	Khan Minaj Hamid	Natural Objection Result
30	SYBA	Kharat Nishant Nitin	Water Conservation
31	SYBA	Khole Vijay Laxman	Air Pollution
32	SYBA	Kirwale Tushar Bhagwan	Effect Of Global Warming
33	SYBA	Mahato Kiran Balistar	Effect Of Global Warming
34	SYBA	Manule Vishal Vitthal	Effect Of Global Warming
35	SYBA	Mohod Nagesh Dinkar	Air Pollution
36	SYBA	More Rushikesh Prabhakar	Noise Pollution
37	SYBA	Nanaware Tejas Bharat	Conservation Need Night
38	SYBA	Navgire Shamal Dilip	Effect Of Globing Warming
39	SYBA	Ovhal Kamlesh Yashwant	Water Pollution

for [Signature]

HoD,

Department of Geography
DBAC Aundh-Pune-67





40	SYBA	Panchal Yogita Ashok	Disaster In Natural Earth Quake
41	SYBA	Parte Aman Vijay	Biodiversity
42	SYBA	Patlavat Anita Shankar	Pollution Control Awareness In Surrounding Area
43	SYBA	Ranawade Sakshi Vikas	Water Conservation
44	SYBA	Ranawade Shweta Suhas	Cyclone Disaster Management
45	SYBA	Ranawade Rushikesh Avinash	Urbanization And Environment
46	SYBA	Salve Manthan Ashok	Clouding Blast
47	SYBA	Salve Vraksha Vasant	Effect Of Globing Warming
48	SYBA	Shinde Sakshi Chandrakant	Water Pollution
49	SYBA	Shinde Shubham Lahu	Water Conservation : Need Of Life
50	SYBA	Shinde Snehal Ramesh	Noise Pollution
51	SYBA	Shinde Tushar Tukaram	Solid Waste Management
52	SYBA	Surwade Amar Ankush	Water Conservation
53	SYBA	Tak Ishwar Rampal	Solid Waste Management
54	SYBA	Vibhute Govind Ramrao	Water Conservation
55	SYBA	Waghmare Saurabh Basavraj	Global Warming
56	SYBA	Wakode Ajay Sham	Solid Waste Management
57	SYBA	Yadav Monukumar Dharmpal	Conservation Of Biodiversity
58	SYBA	Yewale Kanchan Vivek	Natural Disaster Management
59	SYBA	Anil Kshirsagar	West Water Management
60	SYBA	Divya Kiratkar	Water Pollution


HOD

HOD,
Department of Geography
DBAC Aundh-Pune-67




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



RAYAT SHIKSHAN SANSTHA'S
DR. BABASAHEB AMBEDKAR MAHAVIDYALAYA, AUNDH PUNE-67

★ DEPARTMENT OF GEOGRAPHY ★
❖ S.Y.BBA(C.A)- 2021-22 EVS PROJECT TITLE TRANSLATE ❖

Sr. NO.	CLASS	STUDENT NAME	PROJECT NAME
1	SYBBA(CA)	Barve Prajwal Vinod	Biodiversity
2	SYBBA(CA)	Bhalerao Nikhil Nagesh	Water Pollution
3	SYBBA(CA)	Bhosale Prajakta Dnyaneshwar	Covid 19
4	SYBBA(CA)	Gaikwad Deepak Hansraj	Air Pollution
5	SYBBA(CA)	Gaikwad Pallavi Babasaheb	Water Pollution
6	SYBBA(CA)	Gaikwad Swati Bhaskar	Pollution
7	SYBBA(CA)	Gavade Sarika Bharat	Environmental Pollution
8	SYBBA(CA)	Goutam Chanda Ramasre	Biological Pollution
9	SYBBA(CA)	Gupta Nilesh Subhash	Water Pollution
10	SYBBA(CA)	Jadhav Komal Suresh	Environmental Pollution
11	SYBBA(CA)	Jagtap Prajkt Ratan	Air Pollution
12	SYBBA(CA)	Kamble Ankita Sudhakar	Water Pollution
13	SYBBA(CA)	Kamble Nisha Ranjit	Water Pollution
14	SYBBA(CA)	Kamble Ashish Vitthal	Environmental Studier
15	SYBBA(CA)	Kangare Prasad Laxman	Biodiversity
16	SYBBA(CA)	Kotwal Aditya Nitin	Water Pollution
17	SYBBA(CA)	Lohar Madhavi Girish	Air Pollution
18	SYBBA(CA)	Mahale Sushil Uttam	Industrial Waste Hazards Waste
19	SYBBA(CA)	Mandhare Shankar Namdev	Renewable Energy
20	SYBBA(CA)	Mane Shubham Kisan	Air Pollution
21	SYBBA(CA)	Mavas Aniket Sarjerao	Water Pollution
22	SYBBA(CA)	Mudgun Sandhya Dattatray	Medical Waste
23	SYBBA(CA)	Nadgiri Pooja Laxman	Soil Pollution
24	SYBBA(CA)	Nikalje Nivedita Nitin	E Waste Management
25	SYBBA(CA)	Panzade Tejaswini Sanjay	Thermal Pollution
26	SYBBA(CA)	Ramapure Ankur Rajendra	Global Warming
27	SYBBA(CA)	Sonawane Bhagyashri Dinesh	Dumping Waste Management
28	SYBBA(CA)	Sonawane Yashodip Dinesh	Covid-19
29	SYBBA(CA)	Temburnikar Samir Tulsidas	Global Warming
30	SYBBA(CA)	Thorat Samiksha Balasaheb	Sustainable Determination
31	SYBBA(CA)	Virnak Dipti Rajabhau	Deforestation
32	SYBBA(CA)	Wadikar Pramod Venkatesh	Air Pollution
33	SYBBA(CA)	Wargiy Revti Manoj	Air Pollution
34	SYBBA(CA)	Yadav Sakshi Sanjay	Noise Pollution

for
HOD
HoD,

Department of Geography
DBAC Aundh-Pune-67

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





RAYAT SHIKSHAN SANSTHA'S
DR. BABASAHEB AMBEDKAR MAHAVIDYALAYA, AUNDH PUNE.67

★ DEPARTMENT OF GEOGRAPHY ★

❖ F.Y.BVOC- 2021-22 EVS PROJECT TITLE TRANSLATE ❖

Sr. NO.	CLASS	STUDENT NAME	PROJECT NAME
1	FYBVOG	BABAR AVINASH SIDDHARTH	Renewable Energy
2	FYBVOG	CHAVAN OMKAR LAXMAN	Noise Pollution
3	FYBVOG	CHIKHLE GANESH SATISH	Conservation Biology
4	FYBVOG	JADHAV YOGESH SHETTAPPA	Air Pollution
5	FYBVOG	JAGZAP PRAVIN SHIVAJI	Ozone Depletion
6	FYBVOG	KARKUD RADHIKA SARJERAO	Acid Rain
7	FYBVOG	KSHIRSAGAR ANIKET SURESH	Green House Effect
8	FYBVOG	MAHARNAWAR REVAN SHARADRAO	Global Warming
9	FYBVOG	MANE ROHAN LAXMAN	Noise Pollution
10	FYBVOG	MOHITE SHANTANU SHRIKANT	Water Pollution
11	FYBVOG	ORSE ROHAN DATTU	Land Pollution
12	FYBVOG	REDDY PREM DIPAK	Air Pollution
13	FYBVOG	SAKUNDE AMIT HANUMANT	Water Conservation
14	FYBVOG	SHINGARE ASHISH MUKUND	Sustainable Development
15	FYBVOG	YAMKAR SEJAL DATTA	Water Pollution


HOD
HOD.

Department of Geography
DBAC Aundh-Pune-67




PRINCIPAL
Principal
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

4. beyond the campus environmental promotion activities.

**N.S.S Tree
Plantation
Activities and
Jivit Nadi
Upakram**



Cleanliness Campaign.



स्वच्छता अभियान

PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.



(4)

Green Campus.

7.1.2 = (4)

(4)



रयत शिक्षण संस्थेचे

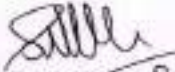
डॉ. बाबासाहेब आंबेडकर महाविद्यालय, औंध, पुणे

राष्ट्रीय सेवा योजना (NSS) सूचना

दि.09/12/2021

डॉ. बाबासाहेब आंबेडकर महाविद्यालय, औंध, राष्ट्रीय सेवा योजना विभाग तसेच जीवित नदी यांच्या संयुक्त वतीने नदी स्वच्छता अभियान कार्यक्रम

राष्ट्रीय सेवा योजनेच्या सर्व विद्यार्थ्यांना कळविण्यात येते की, सामाजिक जबाबदारी म्हणून नदी स्वच्छता प्रकल्पा अंतर्गत शनिवार दिनांक 11/12/2021 रोजी सकाळी 8.00 वाजता जीवित नदी अभियान अंतर्गत विठ्ठल मंदिर येथे जमावे. तेथून शेजारी मालिग मंदिर घाटावर स्वच्छता व वृक्षारोपण केली जाणार आहे. कोविड व स्वच्छतेसाठी आवश्यक असलेल्या नियमांचे पालन करून हा कार्यक्रम होणार आहे. याची सर्वांनी नोंद घ्यावी. सर्व स्वयंसेवकांनी वेळेत उपस्थित राहावे.


प्रा. गुजर एस पी
कार्यक्रम अधिकारी




प्राचार्य
डॉ. बाबासाहेब आंबेडकर महाविद्यालय,
Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.

1) Gujjar SP 343A
2) Kamble S-S T.Y.BA
3) ...

- 4) Nandkishor Gangale
- 5) Dr Kambale B.B. (S.Y.B.A.)
- 6) Pachame N.V SYBcom
- 7) KUSHAL PACHAME TYBcom
- 8) Pawar G.S. F.Y.B.A
- 9) Gosani Sayali F.Y.BA

Translation



Rayat Shikshan Sanstha's

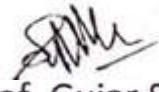
Dr. Babasaheb Ambedkar Mahavidyalay

Aundh Pune 67

N.S.S Notice

Date: 09/12/21

All the N.S.S Volunteers are hereby noticed that on 11/12/2021 at 8.00 a.m. they should gather at Neelkantheshwar Temple. The temple and river ghat is to be cleaned and the programmer of tree plantation is also organized. The Jeevithodi foundation activists are also giving to participate in the cleanliness campaign. The volunteers are also informed to follow the covid rules. All are informed to be present on time.


Prof. Gujar S.P
N.S.S Prog. Officer




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



रयत शिक्षण संस्थेचे,

डॉ. बाबासाहेब आंबेडकर महाविद्यालय, औंध, पुणे-67

वृक्षारोपण व घाट स्वच्छता अभियान कार्यक्रम अहवाल 2021

13/12/2021

डॉ. बाबासाहेब आंबेडकर महाविद्यालय, औंध, राष्ट्रीय सेवा योजना विभाग व जीवितनदी फाउंडेशन, पुणे यांच्या संयुक्त विद्यमाने वृक्षारोपण व घाट स्वच्छता अभियान कार्यक्रमाचे आयोजन करण्यात आले होते. राष्ट्रीय सेवा योजनेच्या सर्व स्वयंसेवकांनी शनिवार दिनांक 11/12/2021 रोजी सकाळी 8.00 ते 11.00 वेलेत निळकंठेश्वर मंदिर घाट येथे नदी-घाट स्वच्छता अभियान व वृक्षारोपण कार्यक्रमात सहभाग घेतला. या कार्यक्रमाच्या वेळी निळकंठेश्वर घाट येथे घाट स्वच्छता मोहीम हाती घेण्यात आली. कार्यक्रमाच्या सुरुवातीला मा. शैलजा देशपांडे यांनी स्वयंसेवकांना मार्गदर्शन करित नदी घाट पर्यावरण हे आपले वारसा स्थान आहे. ते स्वच्छ राहावेत याची काळजी आपणच घेतली पाहिजे. यासाठी वेळ पडल्यास स्वतः श्रमदान करून हे स्वच्छ केले पाहिजे, अशी भावना व्यक्त केली. त्याचप्रमाणे स्वच्छता करताना ते पुन्हा नदीमध्ये पडू नये यासाठी असा कचरा उचलून बाजूला नेला पाहिजे. याकडेही त्यांनी लक्ष दिले. यावेळी जीवित नदी फाउंडेशनचे कार्यकर्ते व स्वयंसेवक यांनी मिळून 20 गोण्या प्लास्टिकचा कचरा घाटावर गोळा केला व तो महानगरपालिका स्वच्छता कर्मचारी यांना सुपूर्द केला. यात प्लास्टिकच्या पिशव्या, कापडी साड्या, प्लास्टिकच्या वाटल्या, काचेच्या वाटल्या, टिनाचे डबे आशा प्रमुख कचऱ्याचा समावेश होता. हा कचरा नदीच्या कडेला असलेल्या झाडी-झुडपांनी मध्ये अडकला होता. त्यामुळे नदीपात्र अस्वच्छ दिसत होतं. घाट स्वच्छता केल्यामुळे तेथे येणाऱ्या जाणाऱ्यांना स्वच्छ वाटू लागले.

स्वच्छता मोहीम झाल्यानंतर स्वयंसेवकांनी वृक्षारोपणासाठी खडे घेऊन घाटाकडे जाणाऱ्या रस्त्याच्या वरील बाजूस शिंदोडी-12, निरगुडी-06, घायपात-12, मेहंदी-5 अशा विविध जातीच्या 35 वृक्षांची लागवड केली. वृक्षारोपणाचे प्रमुख पाहणे म्हणून महाविद्यालयाचे प्राचार्य, डॉ. अरुण आंधळे, उप - प्राचार्य डॉ. संजय नगरकर, प्रा. डॉ. रमेश रणदिवे, कॉमर्स विभाग प्रमुख प्रा. बंडोपंत कांबळे, प्रा. राजेंद्र रासकर, प्रा. सुशीलकुमार गुजर, प्रा. नलिनी पाचर्णे, मा. शैलजा देशपांडे व इतर मान्यवरांच्या संस्थेत वृक्षारोपण तसेच स्वयंसेवकांनी वृक्षारोपण केले. तसेच वृक्ष स्वयंसेवकांनी वाढविण्यासाठी दत्तक घेतले.

कार्यक्रम यशस्वी होण्यासाठी जीवितनदी फाउंडेशन, पुणे यांचे कार्यकर्ते, पुणे म.न.पा. कर्मचारी, महाविद्यालयाचे प्राचार्य डॉ. अरुण आंधळे, उप - प्राचार्य डॉ. संजय नगरकर यांचे सहकार्य लाभले. त्याच प्रमाणे कार्यक्रम अधिकारी प्रा. सुशीलकुमार गुजर, डॉ. रमेश रणदिवे राष्ट्रीय सेवा योजना विभागाचे 40 स्वयंसेवक यांनी परिश्रम घेतले.


राष्ट्रीय सेवा योजना




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

Translation



Rayat Shikshan Sanstha's

Dr. Babasaheb Ambedkar Mahavidyalaya

Aundh Pune 67

Tree Plantation and cleaning the river ghat

13/12/2021

A tree plantation programme and the cleaning of the river ghat was undertaken by Dr. Babasaheb Ambedkar College N.S.S unit and Jivithadi Foundation on 11/12/2021 the N.S.S volunteers cleaned the Neelkantheshwar temple ghat and the river ghat from 8 a.m. to 11 am Saplinga were also planned. Hon. Shailaja Deshpande gave a lecture are our heritage and should be kept clean. The volunteers and the foundation activities collected almost 20 seers of garbage and handed it to the municipal garbage collectors

12 Palm trees, 06 gharpat, few decoration plants etc. were planned. The Principal Dr. Arun Andhale and the staff of activities were present on the occasion. Some of the workers of Pune Municipal Corporation were also present.





PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

Rayat Shikshan Sanstha's

Dr. Babasaheb Ambedkar Mahavidyalaya, Aundh, Pune-67



NSS Presenty

Date: 11/12/2021

Time 8.00 to 11.00

Name of Program: River Bank cleaning & Plants

Sr No.	Name of Students	Roll No.	Signature
1	Dipali muchindra Gilbile	Sy.Bcom	[Signature]
2	Sneha Subhash Waghmare	Sy.Bcom	[Signature]
3	Sonali laxman chandviltar	Sy.Bcom	[Signature]
4	Kamble Pritee Sanjay	Sy.Bcom	[Signature]
5	Ijagaj vikas sury Kant	F.y. B.A	[Signature]
6	Ajay J Therodkar	F.y. Bcom	[Signature]
7	Safshi Gensiddha Namuk	F.Y. Bcom	[Signature]
8	Kajal Ganga Manohar	S.Y. Bcom	[Signature]
9	Padma Mallesh Kamble	F.Y. B.com	[Signature]
10	Rohit Kamble	S.Y. B.com	[Signature]
11	Jyoti Santosh Sahunke	F.Y. B.Com	[Signature]
12	Pranav Nitin Karkhede	F.Y. B.com	[Signature]
13	Tanvini Kishor Manwar	F.y. B.com	[Signature]
14	Harshada Sanjay Dhaygude	F.Y BCOM	[Signature]
15	Somnath Mahesh Nirval	S.Y. B.com	[Signature]
16	Nikita Ramesh Mawade	F.y. B.com	[Signature]
17	Sneekha Ramesh Mawade	F.Y B.com	[Signature]
18	Pradyumna R. Omanu	S.Y. Bcom	[Signature]
19	Rohit Gange	S.Y. B.com	[Signature]
20	Divekar Pooja	S.Y. B.com	[Signature]
21	Saurabh	B.A.	[Signature]
22	Nilesh Anil Keshavnath	B.A	[Signature]
23	Aarti Kashinath Navsagar	T.Y. B.A	[Signature]
24	Bhalerao Vaishali Sunil	T.Y. B.A	[Signature]
25	Bhaleerao Phiraj Dilip	T.Y. B.A	[Signature]
26	Anita. S. Patilvat	S.Y. B.A	[Signature]
27	Tejshree Athwale	S.y. B.A.	[Signature]
28	Morukumar yedav	S.Y. B.A	[Signature]
29			
30			
31			
32			
33			
34			
35			

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67



Rayat Shikshan Sanstha's

Dr. Babasaheb Ambedkar Mahavidyalaya, Aundh, Pune-67



NSS Presenty

Date 11/12/2021

Time 8.00 to 11.00

Name of Program Riverbanking & Plantati

Sr No.	Name of Students	REGD	Signature
1	Rajashree Kalidas Thembhe	F.Y.B.A	Rajashree
2	Ravin B. Shaikh	4y BA	Ravin
3	Shruti Sardar Ubale	F.Y.B.A	Shruti
4	Vaishanti Ajay Balwadkar	F.Y.B.A	Vaishanti
5	Prerana Kamble	F.Y.B.A	Prerana
6	Gauri Ramdas Rajiwade	F.Y.B.A	Gauri
7	Tipanna Sateppu Sakhari	F.V.B.com	Tipanna
8	Pratibha Mochale	F.V.B.com	Pratibha
9	Anaya Kharule	- " -	Anaya
10	Vasudha Gajanan Raval	- " -	Vasudha
11	Shrutika Vinod Kamble	F.Y.B.A	Shrutika
12	Anhita Sunil Shirde	F.Y.B.B.A	Anhita
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			



PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67

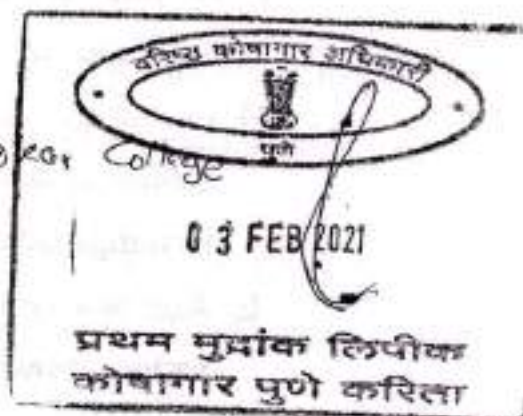


महाराष्ट्र MAHARASHTRA

© 2020 ©

YD 344323

क्र. सं. २२२१ दि. ०८ FEB 2021 मु. नु. रकम. 100/-
 हस्ताक्षर प्रकार: AFD
 हस्त नोंदणी करणार आहेत का : होय / नाही
 मुद्रांक विकत घेणाऱ्याचे नाव: Dr. Babasaheb Ambedkar College
 पत्ता: Aundh, Pune
 मुद्रांच्या बळकाराचे नाव: MAHESH K. PEDNEKAR
 हस्त लेखणीचे नाव व पत्ता: Aundh, Pune MO. 9552850446



श्री. सुचेता सुहास देसाई
 परवाना क्र. २२०१११८

मुद्रांक विकत घेणाऱ्याची सही ११२/२, बुधवार पेठ, पुणे, २
 या कार्यासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कार्यासाठी
 मुद्रांक खरेदी केण्यापासून ६ महिन्यांत वापरणे बंधनकारक आहे.



MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

Principal

Dr. Babasaheb Ambedkar college, Aundh, pune-67

(Department of Geography, Political Science and National Service Scheme)

(Herein after called as party I)

AND

JEEVITNADI - LIVING RIVER FOUNDATION, Pune

(Herein after called as party II)

PRINCIPAL
 Dr. Babasaheb Ambedkar College,
 Aundh, Pune-67

- d) Party-II will provide technical support for the effective running of Bio compost plant in the campus of Party-I
- e) Party-II will facilitate guidance and assistance to be offered by other Institutions, Authorities and individuals such as organizing Workshop, Conference, Seminar, Guest lectures or any such Value added programs for the college students of staff and party I



● Proposed Modes of Collaboration

1. Party-I will present proposal along with expectations from the course
2. Party I – will create a calendar for the year in advance so as to allocate the topics and assign the experts.
3. Party-I will allocate time and date to suite the schedule of college for this course and will finalise the program contents and schedule in consultation with party-II
4. Party-I will provide the existing infrastructure of Compost pit and make available waste manure (Jaive khat) or any such material with water facility
5. Party-II will provide competent faculty for training program
6. Party-II will facilitate and connect with subject experts for assigned projects, activities and training that will help to achieve the objective of zero carbon, zero waste and transform college premises and area around to make it clean, green and sustainable.

● Terms and Conditions

1. Whereas both the parties have agreed for the following payment and revenue sharing of proposed fees

-Rupees 500 each for 01 hour routine lectures

-Respectable fees for expert's sessions


PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67



2020-2021



16/2



7-1-1

2019-2020



Rayat Shikshan Sanstha



**Dr. Babasaheb Ambedkar College, Aundh,
Pune-41067**

Roll No. 402...

Examination Number:.....

**Depart. of Geography
(Environmental Awareness Project)
Certificate**

*This is to certify that Mr./Miss. Adagele Ganesh Dhananjay
Has satisfactorily carried out the required survey based Project work
prescribed by the Savitribai Phule Pune University, Pune for S. Y. B. A./
-B. Com. in the course of B. A./ B. Com. and this project report his
bonafied work in the year 2019-2020.*

Title of Project: अवकाशातील कुचरा कसा तयार होतो याबद्दल जाणून घेणे

Project work Guide Prof. Gujjar SP.

Teacher in-charge

Project Guide

Examiner

Head of Department



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67

Rayat Shikshan Sanstha'



**Dr. Babasaheb Ambedkar College, Aundh,
Pune-41067**

Roll No... 406


Examination Number:.....

**Depart of Geography
(Environmental Awareness Project)
Certificate**

*This is to certify that Mr./Miss. Athawale Aishwarya Rahul
Has satisfactorily carried out the required survey based Project work
prescribed by the **Savitribai Phule Pune University, Pune** for **S. Y. B. A./
B. Com.** in the course of **B. A./ B. Com.** and this project report his
bonafied work in the year 2019-2020.*

Title of Project: Fire in Amazon Rainforest

Project work Guide Prof. Sushilkumar Gujar


Teacher in-charge
Project Guide


Examiner


Head of Department




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-41067.



5. Landscaping with trees and plants

Green Landscaping with Trees and Plants:

- Green landscaping on the campus has taken place through several green initiative programmes by the Department of Geography.
- Green practices are conducted every year through NSS units of the college.
- Flora and Fauna of the campus are enriched with Trees, Shrubs, Herbs, Climbers
and different types of bird's species.
- The college has a small Garden with medicinal, ornamenta land fruit plants collection.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



Rayat Shikshan Sanstha's,
Dr. Babasaheb Ambedkar
Mahavidyalaya, Aundh, Pune-67

“No Vehicle Day”

The college conduct **No Vehicle Day** activity on 1st Day of every month for environmental conservation and fuel saving. The teaching and non teaching staff and students must use public Transportation. The cooperation of each stakeholder is expected for the success of this environmental Conservation initiative.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



"No Vehicle Day"



[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

2021-2022

7113-3,4



Use of Bicycles / Battery-powered vehicles

Students and staff members are encouraged to use bicycles for the commuting to the college, for this college provide bicycle parking facility on the campus.



Principal
Dr. Babasaheb Ambedkar Mahavidyalaya,
Aundh, Pune-47






Rayat Shikshan Santha's
Dr. Babasaheb Ambedkar Mahavidyalaya,
Aundh, Pune - 67

Date : 14 / 2 / 2023

No Plastic Zone

You are entering in 'No Plastic Zone.' Any plastic item is prohibited in the campus. Thank you!


Principal

Dr. Babasaheb Ambedkar College,
Aundh, Pune - 67

2018-2019



ENVIRONMENTAL POLICY

Dr. Bhabasaheb Ambedkar College, Aundh, Pune is committed to contribute towards conservation & protection of the environment. We will train, educate and inform our stakeholders about the environmental issues, that can be affect their life. We will promote the environmental awareness and encourage to work in an environmentally responsible manner.



MSM
PRINCIPAL

Dr. Bhabasaheb Ambedkar College, Aundh, Pune-41.

**4. beyond the campus environmental
promotion activities.**

**The Alumni Part
in Environment
Promotion
Activities**

Rayat Shikshan Sanstha



Dr. Babasaheb Ambedkar Mahavidyalaya Aundh Pune 67

Alumni Student Activity

Sr. No	Student Name	Title Name	News Paper	Date
1	Surykant Sarawade	No Audit to Corona	Prabhat	
2	Raviraj Kale	No Audit to corona Death by Beth Audit committee	Sakal	23 March 2021
3	Rushikesh Kanwate	The Municipality is still not aware of the seriousness of the corona death	Prabhat	23 March 2021
4	Ajay Chavan	Since there was no death note the direction of treatment went astray	Sam TV	
5	Harshad Bansode	Hops working and valid papers	Pune	
6	Surykant Sarawade	Death rate is increasing due to lack of death index	Sam TV	
7	Raviraj Kale	Death rate is increasing due to lack of death index	Sam TV	
8	Niraj Prajapti	20 Private Hospitals start	Pudhari	
9	Omkar Bhoite	Municipal Notice to Hospital	Pudhari	22 May 2021
10	Surykant Sarwade	The action at the hospital	Pudhari	16 May 2020-21
11	Omkar Bhoir	A case is registered against the culprits of contaminated 'Mula River Water'	Punynagri	



Dr. Babasaheb Ambedkar Mahavidyalaya
PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



12	Satish Londhe	Assurance of action by standing committee chairman	Punynagri	
13	Surykant Sarwade	PCMC Discharges sewage directly into Mula-Mutha	Pune Mirror	21 February 2021
14	Harshad Kale	Fasting of Rayat students for various demands	Skal	2020-2021
15	Rushikesh Kanwate	Active cases down as more people recover	Pune Mirror	
16	Satish Londhe	Ever after to years, the work of tree environment is still insufficient	Shabd-Raj	19 August 2020
17	Niraj Prajapti	There is no action even after complaining pimpari Chinchwad municipal corporation is not working for the rivers	Prabhat	3 January 2021
18	Omkar Bhoite	Fasting down to discharge of water from sewage treatment plant into the river	Times of News	
19	Harshad Bansode	Rayat Vidyarthi Parishad strongly attacked the wrongful administration of the municipal corporation	Times of News	12 May 2021
20	Surykant Sarwade	The Pollution in the Mula river did not stop the Hunger Strike	Sakal	3 June 2021
21	Rushikesh Kanwate	Rayat's Hunger strike called off after assurance	Lokmat	23 January 2021




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aurangabad, 431007.

7.1.9

प्रभात पुणे रविवार दि.



रोना मृत्यूंचे अद्यापही ऑडिट नाही

चा ढिसाळ कारभार : अधिकाऱ्यांवर गुन्हा दाखल करण्याची रयत विद्यार्थी परिषदेची मा

२० (प्रतिनिधी) - पिंपरी चिंचवड शहरामध्ये रुग्णांची संख्या दिवसागणिक वाढत आहे. तर दि. १९) २६९५ कोरोनाबाधित रुग्णांचे मृत्यू झाले रुग्णांच्या मृत्यूचे ऑडिट करण्याबाबत प्रशासनाला आल्या होत्या. मात्र, प्रशासनाने अद्याप एकाही ट केले नसल्याचा आरोप रयत विद्यार्थी परिषदेने रध्ये चालढकल करणाऱ्या अधिकाऱ्यांवर फौजदारी करण्याची मागणी विभागीय आयुक्त सौरभ राव व राजेश टोपे यांच्याकडे ईमेलच्या माध्यमातून करण्यात आली आहे.

याबाबत आम्ही वारंवार पाठपुरावा केला आहे. मात्र आम्हाला प्रशासनाने उडवाउडवीची उत्तरे दिली आहेत. वारंवार तक्रार करूनही डॉ. पवन साळवे व डॉ. वर्षा डांगे यांनी वेळकाढूपणा केला आहे. या अधिकाऱ्यांच्या हलगर्जीपणामुळे अद्याप एकाही मृत्यूचे ऑडिट झाले नाही. यासाठी नेमलेली कमिटीही फक्त नावालाच आहे. याबाबत आम्ही विभागीय आयुक्त सौरभ राव, आरोग्य मंत्री राजेश टोपे व पिंपरी चिंचवड महापालिकेचे आयुक्त राजेश पाटील यांना निवेदन दिले आहे. त्यांनी त्वरित या अधिकाऱ्यांवर फौजदारी गुन्हा दाखल करून देथ ऑडिट संदर्भात योग्य ती कार्यवाही करावी.

- सूर्यकांत सरवदे, अध्यक्ष रयत विद्यार्थी परिषद.

राजकीय व्यक्तींच्या मृत्यूचेही ऑडिट :

पिंपरी चिंचवड शहरामधील तीन नगरसेवकांचा कोरोना झाला. त्यामध्ये नगरसेवक दत्ता साने, जावेद शेख व लक्ष्मी यांचा समावेश आहे. मात्र अद्याप या राजकीय व्यक्तींच्या ऑडिट झाले नाही. तसेच सर्वसामान्यांच्या मृत्यूचे ऑडिट होणार असा प्रश्न उपस्थित केला जात आहे. महापालिके दिग्गज नगरसेवक गमावूनही सत्ताधारी व विरोधक कोणालाच नसल्याचे दिसून येत आहे.

रामुळे होणाऱ्या मृत्यूचे यासाठी या सर्व मृत्यूचे (डेथ ऑडिट) होणे होणत्याही मृत्यूचे ऑडिट अधिक काळ प्रलंबित होणार नाही असा आदेश आहे. असे असतानाही पिंपरी चिंचवड महापालिकेच्या आरोग्य वैद्यकीय अधिकाऱ्यांनी एकाही मृत्यूचे डेथ ऑडिट केले नसल्याचे धक्कादायक वास्तव समोर आले आहे.

आणि जिल्हा शल्यचिकित्सक यांनी उपसंचालक आरोग्य सेवा मंडळ पुणे यांना सादर करावे असा स्पष्ट आदेश आहे. असे असतानाही पिंपरी चिंचवड महापालिकेच्या आरोग्य वैद्यकीय अधिकाऱ्यांनी एकाही मृत्यूचे डेथ ऑडिट केले नसल्याचे धक्कादायक वास्तव समोर आले आहे.

मृत्यू का झाले? उपचार पद्धती कोणती



होती? कधी उपचार सुरू झाले? रुग्णाच्या नोंदीवाइकाकडून किती रकम घेण्यात आली? कोरोनाच्या महामारी मध्ये खासगी कोरोना सेंटरने सर्वसामान्य रुग्णाकडून लाखो रुपये

उकळण्याचे प्रकार समोर आले आहेत. यासाठी ऑडिटच्या माध्यमातून प्रत्येक रुग्णाच्या मृत्यूची तपासणी होणे आवश्यक आहे. तसेच यामुळे कोरोना होणाऱ्या मृत्यूंनाही कमी करणे शक्य होणार आहे. मात्र याबाबत प्रशासनाला कोणतेही गांभीर्य नसल्याचे यामधून सिद्ध होत आहे.

पिंपरी चिंचवड शहरात डेथ ऑडिट

कमिटी स्थापन होऊन आठ महिने तरी कोणतही अहवाल सादर झालेले नाही. महापालिकेचे आरोग्य अधिकारी डॉ. पवन साळवे वैद्यकीय अधिकारी डॉ. वर्षा डांगे यांनी वेळकाढूपणा केला आहे. याबाबत आम्ही सूर्यकांत सरवदे यांच्याकडे ईमेलच्या माध्यमातून आदेश देण्यात आला आहे.

PRINCIPAL

Dr. Babasaheb Ambedkar College, Aundh, Pune-67.



'डेथ ऑडिट कमिटीकडून कोरोना मृत्यूंचे ऑडिट नाही'



पिंपरी, ता. २२ : शहरात कोरोनाबाधितांची संख्या वाढत आहे. वर्षभरात २६९५ जणांचा कोरोनामुळे मृत्यू झाला आहे. मात्र, अद्याप डेथ ऑडिट कमिटीने अहवाल सादर केला नसल्याचा आरोप रयत विद्यार्थी परिषदेने केला आहे. यामध्ये चालढकल करणाऱ्या अधिकाऱ्यांवर फौजदारी दाखल करण्याची मागणी विभागीय आयुक्त सौरभ राव व आरोग्यमंत्री राजेश टोपे यांच्याकडे केली आहे.

परिषदेचे अध्यक्ष सूर्यकांत सरवदे म्हणाले, "कोरोनाच्या उद्रेकावर प्रभावी नियंत्रण ठेवण्यासाठी, तसेच या आजारामुळे होणाऱ्या मृत्यूंचे प्रमाण कमी करण्यासाठी या सर्व मृत्यूंचे नियमित अन्वेषण होणे गरजेचे आहे. त्या संदर्भात कोणतेही मृत्यूचे ऑडिट सात दिवसांपेक्षा अधिक काळ

प्रलंबित राहू नये. तसेच, पालिका व जिल्हा शल्यचिकित्सक स्तरावरील डेथ ऑडिटचे सविस्तर इतिवृत्त आरोग्य वैद्यकीय अधिकारी व जिल्हा शल्यचिकित्सक यांनी आरोग्य सेवा मंडळाच्या उपसंचालकांना सादर करावे, असे स्पष्ट आदेश आहेत. कमिटी स्थापन झाल्यापासून आठ महिने झाले, तरी कोणताही अहवाल सादर केला नाही."

निवेदनावर रविराज काळे, अजय चव्हाण, ओमकार भोईर, ऋषिकेश कानवटे, हर्षद बनसोडे, नीरज प्रजापती, स्वप्नील तेलंगी, बालाजी काकडे, मालती काकडे, कल्याण काकडे, नीरज सुतार, विकास सावंत, सागर आढाव, सूरज जमदाडे, संकेत विगवनकर, योगेश गायकवाड, आदींच्या स्वाक्षरी आहेत.



PRINCIPAL

Babasaheb Ambedkar Maharashtra Sahitya Akademi, Aundh, Pune-57



अजूनही पालिकेला कोरोना मृत्यूचे गांभीर्य नाहं मृतांच्या आकड्यात नेहमीच गोंधळ : आज ११८९ नवीन बाधित

पिंपरी, दि. २२ (प्रतिनिधी)

पिंपरी चिंचवड शहरामध्ये कोरोना विषाणूचा फैलाव होऊन एक वर्ष उलटले आहे. मात्र अजूनही पालिकेला कोरोना मृतांबाबत गांभीर्य सल्याचे दिसत आहे. बाधित मृतांच्या मृत्यू होऊनही आठ-दहा दिवस पालिका प्रशासनाला त्याची जाबाबदारी नसते. खासगी रुग्णालयांकडून मृत्यूंची माहिती प्रशासनाला वेळेत मिळत नसल्याने नेहमीच गोंधळ होत आहे. गेल्या संपूर्ण एक वर्षात महापालिकेचा वैद्यकीय विभाग खासगी रुग्णालयांना कोरोना मृतांबाबतचे गांभीर्य समजविण्यात

अपयशी ठरला आहे. सोमवारी देखील पालिकेच्या प्रसिद्धी पत्रकात १६ मृत्यू दर्शविण्यात आले आणि खाली टिप देण्यात आली की, मागील २४ तासांमध्ये दोनच मृत्यू झाले आहेत. उर्वरित मृत्यू जुने आहेत, जे आज कळविण्यात आले.

पिंपरी चिंचवड शहरामध्ये सोमवारी (दि. २२) ११८९ नवीन रुग्णांची भर पडली. तर दिवसभरामध्ये १६ मृत्यूंची नोंद करण्यात आली आहे. यामध्ये गेल्या २४ तासांत मृत्यू झालेले २ रुग्ण आहेत. तर उर्वरित मृत्यू

हे आधीचे आहेत, ज्याची माहिती आज पालिकेला मिळाली. आजपर्यंत शहरातील १ लाख २३ हजार ५५२ जणांना कोरोनाची लागण झाली आहे.

पालिकेने प्रसिद्ध केलेल्या पत्रकानुसार, आज चार वाजेपर्यंत शहरातील ११८७ रुग्णांचा अहवाल पाॅझिटिव्ह आला. तर शहराबाहेरील २ रुग्णांची नोंद झाली. तसेच दिवसभरात १६ कोरोनाबाधित रुग्णांच्या मृत्यूची नोंद झाली आहे. त्यामध्ये शहरातील ११ तर शहराबाहेरील ५ रुग्णांचा समावेश आहे. आज दिवसभरामध्ये

८४३ रुग्णांना घरी सोडण्यात आल्यामुळे रुग्णालयातून घरी सोडण्यात आलेल्या रुग्णांची संख्या १ लाख १० हजार ४०४ इतकी झाली आहे. तर दिवसभरात ६१०९ संशयित रुग्ण तपासणीसाठी दाखल झाले. अद्याप २११० संशयितांचे अहवाल प्रतीक्षेत आहेत. सद्यस्थितीत शहरातील महापालिकेच्या रुग्णालयामध्ये १८८३ रुग्ण उपचारात आहेत. तर गृह विलगीकरण असलेल्या रुग्णांची संख्या ९३४० वर पोहचली आहे. दोन्ही मिळवून उपचाराधीन असलेल्या रुग्णांची संख्या ११,२२५ इतकी आहे.



Tanned
Copy

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-57

शहरातील २८९ रुग्णालये नोंदणीवेना

महापालिका
प्रशासनाचे दुर्लक्ष



पिंपरी, दि. २३ (प्रतिनिधी)
- रुग्णालये सुरु करण्यापूर्वी
बाँम्बे नर्सिंग अॅक्टनुसार त्यांनी
मान्यता मिळविणे आवश्यक आहे.
त्यानंतर त्यांना रुग्णालयामधून
रुग्णांवर उपचार करण्यास परवानगी
आहे. मात्र पिंपरी-चिंचवड शहरात
मान्यता न घेता एक - दोन नव्हे तर
तब्बल २८९ रुग्णालये राजरोसपणे
सुरु आहेत. यामध्ये शहरातील
बड्या रुग्णालयांचाही समावेश
असल्याची धक्कादायक बाब माहिती
अधिकारातून समोर आली आहे.
विशेष म्हणजे या रुग्णालयांची
मुदत संपल्यानंतरही महापालिका
प्रशासनाने त्यांना कोविड रुग्णांवर
उपचार करण्याची परवानगी दिल्याने
महापालिका प्रशासन किती गाफिल
आहे याचा अंदाज येत आहे. तसेच
यामध्ये संबंधित अधिकाऱ्यांचे
आर्थिक लागेबांधे असल्याचाही
संशय व्यक्त केला जात आहे.

शहरातील अनेक खासगी
रुग्णालयांमध्ये कोरोनाबाधित
रुग्णांवर उपचार सुरु होते. याच
रुग्णालयांमध्ये अनेकांनी अखेरचा
स्वासही घेतला. कोरोनाबाधित
रुग्णांसह इतर रुग्णांवर उपचार

“ बाँम्बे नर्सिंग अॅक्टनुसार कोणत्याही रुग्णालयाला
नोंदणी केल्याशिवाय रुग्णांवर उपचार करता येणार
नाही. मात्र, पिंपरी-चिंचवड शहरातील तब्बल
२८९ रुग्णालये नोंदणीविना सुरु असल्याचे समोर आले
आहे. आयुक्तांनी कोविड रुग्णालयाला मान्यता देताना योग्य
त्या कागदपत्रांची छाननी केली होती का? यामध्ये आर्थिक
हितसंबंधापोटी रुग्णालयाना कोविड रुग्णालय म्हणून मान्यता
देण्यात आल्या का हा प्रश्न यानिमित्ताने उपस्थित होत आहे.
दर वेळी कायद्याच्या नियमांवर बोट ठेवून खासगी रुग्णालये
सर्वसामान्यांची अडवणूक करतात. आता यावेळी महापालिका
प्रशासन कायद्याच्या नियमांवर बोट ठेवून या मोठ्या रुग्णालयांवर
कारवाई करणार आहेत का?

- सूर्यकांत सरवडे, अध्यक्ष, स्वतः विद्यार्थी परिषद.

कोविड काळामध्ये ज्या रुग्णालयांची नोंदणी संपली त्यांना
शासनाने मुदत दिली होती. शासनाने कोरोनाची पार्श्वभूमी लक्षात
घेत ३१ ऑगस्ट २०२१ पर्यंत मुदत दिली आहे. मात्र, तरीही
काही हॉस्पिटल प्रशासनाने मान्यतेसाठी नोंदणीपत्र दिले आहेत.
ज्या रुग्णालयांनी आतापर्यंत नोंदणी केलीच नाही, अशा ९
रुग्णालयांना नोंदीस देण्यात आली आहे.

- डॉ. लक्ष्मण गोफणे, सहस्यक आरोग्य वैद्यकीय अधिकारी,
पिंपरी-चिंचवड महापालिका

तब्बल २८९ रुग्णालये नोंदणीविना
सुरु असल्याची बाब माहिती
अधिकारातून समोर आली आहे.
शहरातील ५०७ रुग्णालयांमधील
बाँम्बे नर्सिंग अॅक्टनुसार ३१ मार्च
२०२० पर्यंत मुदत संपलेल्या

२८९ खासगी रुग्णालये नोंदणीविना
राजरोसपणे सुरु आहेत. विशेष
म्हणजे या रुग्णालयांमध्ये कोविडच्या
रुग्णांवर उपचार करण्यात आले.
बाँम्बे नर्सिंग अॅक्टनुसार मुदत
संपलेल्या किंवा विनापरवाना

नामवंत रुग्णालयांची नोंदणी नाही

बाँम्बे नर्सिंग अॅक्टनुसार मान्यता संपलेल्या अनेक बड्या खासगी
रुग्णालयांचा समावेश आहे. शहरातूळ तब्बल २८९ खासगी रुग्णालये
नोंदणीविना सुरु असल्याचे माहिती अधिकारातून उघड झाले आहे.
त्यामध्ये आदित्य बिरला हॉस्पिटल, अपेक्स हॉस्पिटल (काळेवाडी),
ॲम्पल हॉस्पिटल (विशालनगर), लोकमान्य हॉस्पिटल (निगडी), संत
ज्ञानेश्वर हॉस्पिटल (भोसरी), श्री हॉस्पिटल (मोशी) यासह अनेक
नामवंत रुग्णालयांचा समावेश आहे.

‘डेथ ऑडिट’ला मुहूर्त मिळेल

कोरोनाने बाधितांचे मृत्यूचे ऑडिट करण्याबाबत सूचना देण्यात
आल्या आहेत. मात्र, पिंपरी-चिंचवड महापालिकेने अद्याप एकाही
कोरोनाबाधित मृत्यूचे ऑडिट केले नसल्याची बाब समोर आली
आहे. त्यामुळे मृतांबाबत महापालिका किती असंवेदनशील आहे, ही
बाब समोर आली आहे. शहरातील अनेक मृत्यू हे खासगी
रुग्णालयांमध्ये झाले आहे. त्यामध्ये या नोंदणी संपलेल्या
रुग्णालयांचाही समावेश आहे. त्यामुळे या रुग्णालयांमध्ये मृत्यू
झालेल्या रुग्णांचे ‘डेथ ऑडिट’ करणे आवश्यक आहे. मात्र, यापूर्वी
एकाही मृत्यूचे ऑडिट झाले नसल्याने महापालिकेच्या कारभारावर
संशय व्यक्त केला जात आहे.

रुग्णालय सुरु ठेवल्यास तरातीचा
भंग केल्याप्रकरणी त्या दोघां
सहा महिने तुरुंगवासाची
शिक्षा किंवा दहा हजार रुपये
दंड किंवा दोन्ही शिक्षा होऊ
शकतात मात्र थोडे सज्जद

पालिका प्रशासनावर प्रश्नचिन्ह
उपस्थित केले जात आहे. एवढ्या
मोठ्या प्रमाणपर्यंत नोंदणीविना
रुग्णालये PRINCIPAL
Dr. Babarshah Ambarkar College,
Aundh, Pune-67.



डेथ ऑडिट नसल्याने उपचाराची दिशा भरकटली



SAAM TV NEWS
twitter/saamtvnews

डेथ ऑडिटच नाही

'एकही लस वाया जाऊ देऊ नका'

saamtv.com सिद्ध केली जाते. यातील कोणत्याही उत्पादनाच्या सत्यतेबाबत सदर वाहिनी

Free copy



PRINCIPAL
Dr. Babasaheb Ambedkar College
Aundh, Pune-42



0 hosps working ans valid papers

nt group files RTI; alleges partial response, negligence by PCMC health de

na More
a@punemirror.com

Archana Mirror

As many as 30 medical establishments — including the District General Hospital Auradh and the Pune Chest Hospital — in the twin township Pimpri-Chinchwad have been found to be operating without valid registration right under the jurisdiction of the municipal corporation of Rayat Vidyarthi Parishad. The group on Sunday sought immediate action on these facilities, even as the health officer assured action. Members of the Rayat Vidyarthi Parishad recently filed an application under the Right to Information Act with the Pune rural police station to get a man in April for running a hospital for the last two years. On receiving information recently that around 30 private government hospitals have renewed their registration under the Bombay Nursing Homes Registration Act 1949, they sought immediate action. Many of these hospitals also have functional wards.

MANENDRA KOLHE



Members of the Rayat Vidyarthi Parishad filed a complaint with the health officer on Sunday seeking an immediate audit of the facilities

Multispeciality Hospital and others have all been named. Registration certificates of the District General Hospital (with 280 beds), Anand Hospital and Shree Sai Hospital expired in 2013. Three hospitals have been operating without registration since 2015, seven hospitals since 2016 and 10 ten hospitals since 2019, among others.

These are 507 private and government hospitals under the jurisdiction of the Pimpri-Chinchwad Municipal Corporation (PCMC). Registration under the Bombay Nursing Homes Registration Act is mandatory. The registrations are done with the Zilla Parishad or the Gram Panchayat and are to be renewed every three years with necessary declarations including transfer of ownership, change in status or change in address. It was revealed

that the named hospitals have been functioning without following laws, and the health department has allegedly turned a blind eye.

In a complaint filed with PCMC health officer on Sunday, members of the Rayat Parishad sought immediate audit of hospitals.

Parishad president Surya Sarwade said, "Running a hospital without valid registration is a criminal offence. When we filed the RTI application, information officer Dr. A. Dange gave only half of the information. We have sought legal action against the hospital management."


PCMC commissioner Rajeswar has assured an inquiry. The over-burdened health officer of the Pimpri-Chinchwad Municipal Corporation, Pune-411 004, said, "We will take action if needed."

PRINCIPAL
Dr. Babasaheb Ambedkar College,
Auradh, Pune-411 004

डेथ ऑडिट नसल्याने मृत्युदर वाढतोय?

साम



 [instagram/saamtvnews](https://www.instagram.com/saamtvnews)

डेथ ऑडिटच नाही

पंतप्रधान मोदींचं जिल्हाधिकार्यांना आवाहन

saamtv.com वाहिनी जबाबदार रहाणार नाही, कृपया प्रेक्षकांनी याची नोंद घ्यावी

PRINCIPAL

Handwritten signature

डेथ ऑडिट नसल्याने मृत्युदर वाढतोय?

संभि



facebook/saamtv

डेथ ऑडिटच नाही

आरपीएन

saamtv.com

याही उत्पादनाच्या सत्यतेबाबत सदर वाहिनी जबाबदार रहाणार नाही, कृपय

शहरात नापाक्यापण।



३० खासगी रुग्णालये सुरू

बॉम्बे नर्सिंग अॅक्टचे उल्लंघन : माहिती अधिकारात गंभीर बाब उघड

। पिंपरी : प्रतिनिधी

कोणतेही रुग्णालय सुरू करण्यासाठी कायदानुसार स्थानिक स्वराज्य संस्थेकडे बॉम्बे नर्सिंग अॅक्टनुसार नोंदणी करणे बंधनकारक आहे. परंतु, कोरोना संकट काळात अनेक बोगस डॉक्टर, रुग्णालयांनी खिसे भरण्यासाठी नागरिकांच्या जिवाशी खेळ केल्याचे प्रकार समोर आले आहे. त्यातच पिंपरी-चिंचवडमध्ये बॉम्बे नर्सिंग अॅक्टचे उल्लंघन करून नोंदणीविना ३० रुग्णालये कार्यरत असल्याचो गंभीर बाब माहिती अधिकारातून उघडकीस आली आहे.

कोरोनाच्या दुसऱ्या लाटेत परिस्थिती प्रशासनाच्या हाताव्याहेर गेली. वैद्यकीय यंत्रणा तोकड्या पडत असल्याने रुग्णांना



बोगस डॉक्टर, रुग्णालयांनी नागरिकांना लुटण्याचे काम केले आहे. रुग्णांच्या जिवाशी खेळण्याचा आणि त्यांच्या नातेवाईकांची आर्थिक लूट करण्याचा प्रकार अशा अप्रवृत्तींनी केला. तसाच प्रकार शहरात समोर आला. विना

बोगस रुग्णालयांवर फौजदारी कारवाई करा

या प्रकाराकडे महापालिका प्रशासनाने दुर्लक्ष कसे केले ? या कायदानुसार विनापरवाना रुग्णालयात रुग्णांवर उपचार करणे हा गुन्हा आहे. प्रचलित कायदानुसार शहरातील सद्यस्थितीत असलेल्या ३० रुग्णालयांवर आणि नव्याने विनापरवाना सुरू असलेल्या रुग्णालयांवर तातडीने प्रशासनाने फौजदारी कारवाई करावी. त्यांच्याकडून होणारा रुग्णांच्या जिवाशी खेळ व आर्थिक लूट थांबवावी, अशी मागणी रयत विद्यार्थी परिषदेचे सचिव रविराज काळे यांनी वैद्यकीय विभागाकडे केली आहे.

भागात नगरपालिका, महापालिकेकडे, तर ग्रामीण भागात जिल्हा परिषदेकडे ही नोंदणी करावी लागते.

दरम्यान, पालिकेच्या वैद्यकीय विभागाने माहिती अधिकारात रयत विद्यार्थी परिषदेला दिलेल्या माहितीनुसार शहरात शासकीय व खासगी असे

बेकायदेशीरपणे ही रुग्णालये सुरू आहेत. काही रुग्णालयांची मुदत संपून २ ते ३ वर्षापूर्वी, तर काही रुग्णालयांची मुदत ६ ते ८ वर्षापूर्वी संपली आहे. नोंदणी न करता रुग्णालये सुरू कशी ? तसेच, रुग्णालयांवर फौजदारी कारवाई करावी याबाबत प्रशासनाच्या

पालिकेकडून ९ रुग्णालयांना नोटीस

पिंपरी : पुढारी वृत्तसेवा

नोंदणी परवान्याचे नूतनीकरण न केलेल्या शहरातील ९ खासगी रुग्णालयांना पिंपरी-विश्ववृद्ध महापालिकेने कारणे दाखवा नोटीस बजावली आहे. नोटीस मिळाल्यापासून ३ दिवसांच्या आत नूतनीकरण न केल्यास फौजदारी कारवाईचा इशारा त्यात देण्यात आला आहे. तर, २१ रुग्णालये बंद असल्याचे अधिकाऱ्यांनी सांगितले.

'शहरात ३० खासगी रुग्णालये विनापरवाना' या शीर्षकाखाली 'पुढारी'ने गुरुवारी (दि.२०) वृत्त प्रसिद्ध केले होते. त्याची दखल घेऊन पालिकेच्या वैद्यकीय विभागाने तातडीने त्या ३० रुग्णालयांचा शोध घेतला. त्यातील २१ रुग्णालये बंद असल्याचे आढळून आले. तर, चालू असलेल्या ९ रुग्णालयांना नोटीस

शहरात ३० खासगी रुग्णालये विनापरवाना



पुढारी इफेक्ट

देण्यात आली. येत्या तीन दिवसांत नोंदणी व परवाना प्रमाणपत्रांचे नूतनीकरण न केल्यास बॉम्बे नर्सिंग होम रेजिस्ट्रेशन अॅक्ट १९४९ च्या नियम क्रमांक तीननुसार कायदेशीर कारवाईचा इशारा पालिकेचे अतिरिक्त आयुक्त विकास डाकणे यांनी दिला आहे.

बॉम्बे नर्सिंग होम अॅक्टनुसार

रुग्णालयांची नावे-

नवी सांगवीतील शासनाचे पुणे ठरो रुग्णालय व जिल्हा जनरल रुग्णालय, दिघीतील विठ्ठल मंदिराशेजारचे श्री साई रुग्णालय, धेरगावातील काळेवाडी फाटा येथील तिकोणे रुग्णालय, मोशीतील नागेश्वर हायस्कूलशेजारचे श्री रुग्णालय, बेलटिकानगर, धेरगावातील गजानन रुग्णालय, विकासनगर, किवळेतील माऊली रुग्णालय, आदर्शनगर, दिघीतील श्री साई रुग्णालय, काळेवाडीतील ओम रुग्णालय.

शासकीय, महापालिका व खासगी रुग्णालय सुरू करताना महापालिकेकडे नोंदणी तसेच, परवान्याचे दर तीन वर्षांनी नूतनीकरण करणे आवश्यक आहे. नूतनीकरणासोबत रुग्णालयासंदर्भात सविस्तर माहिती अहवाल द्यावा लागतो. शहरातील ५०७ पैकी तब्बल ३० रुग्णालयांनी २ ते ८ वर्षे उलटूनही परवान्याचे नूतनीकरण

केले नसल्याची गंभीर बाब 'पुढारी'ने उजेडात आणली. त्यानंतर पालिकेचा वैद्यकीय विभागस खडबडून जाग आली. तातडीने पावले उचलत त्या ३० रुग्णालयांचा शोध घेतला. त्यात २१ रुग्णालये सध्या बंद असून, ९ रुग्णालयांना नोटीस बजावली आहे. त्या रुग्णालयांत कोरोना रुग्णांवर उपचार केले जात नाहीत, असा दावा अधिकाऱ्यांनी केला आहे.

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.

मुदत संपलल्या खासगा, सरकार रुग्णालयांवर कारवाई करा

पिंपरी, दि. १६ (प्रतिनिधी) - पिंपरी-चिंचवड महापालिका हद्दीत नोंदणीची मुदत संपलेले हॉस्पिटल सरांस सुरू आहेत. बॉम्बे नर्सिंग अॅक्टनुसार यावर फौजदारी कारवाई करण्यात यावी, अशी मागणी रयत विद्यार्थी परिषदेच्या वतीने महापालिका आयुक्त राजेश पाटील यांच्याकडे केली आहे.

करोना काळात ऑक्सिजनचा पुरवठा आणि रेमडेसिवीर इंजेक्शनचा काळा बाजार रोखण्यासाठी पालिका प्रशासन यंत्रणा अपयशी ठरली आहे. यातच भर म्हणून महापालिकेच्या

हद्दीत नोंदणी नसलेले ३० रुग्णालये सरांस सुरू आहेत. पिंपरी चिंचवड महापालिकेच्या अंतर्गत ५०७ रुग्णालय येतात. त्यात सरकारी व खासगी रुग्णालयांचा समावेश आहे. रुग्णालयांना नोंदणी संबंधित स्थानिक स्वराज्य संस्था व शल्यचिकित्सकाकडे करणे बंधनकारक आहे. तसेच दर ३ वर्षांनी नोंदणी परवाना नूतनीकरण करणे कायद्याने बंधनकारक आहे. विनापरवाना व बोगस रुग्णालयांना आळा घालण्यासाठी नोंदणी बंधनकारक आहे. मात्र, माहिती

रयत विद्यार्थी
परिषदेची मागणी

अधिकारात प्राप्त माहितीनुसार ५०७ रुग्णालयांपैकी ३० रुग्णालयांची मुदत संपलेली आहे. तरी, सुद्धा शहरातील रुग्णालये सुरू आहेत. रुग्णांच्या जिवाशी खेळ सुरू असून रुग्णालयाची मुदत संपून २ ते ३ वर्षांचा कालावधी उलटला आहे. तर काही रुग्णालयाची मुदत संपून ६ ते ८ वर्षांचा कालावधी उलटला आहे. नूतनीकरण न करता रुग्णालये सुरू का ठेवलीत, याकडे महापालिका प्रशासन दुर्लक्ष का करत आहे असा प्रश्न रयत विद्यार्थी परिषदेचे रविराज काळे यांनी केला आहे.

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-57.

महापालिका भवनाच्या प्रवेशद्वारासमोर पर्यावरण अहवालाची होळी करण्यात आली.

2020-2021

पालिकेच्या पर्यावरण अहवालाची होळी

कोंपी, पेस्ट कामगिरीमुळे संबंधितांवर कारवाईची मागणी

पिंपरी : पालिकेच्या पर्यावरण विभागाने तयार केलेला पर्यावरण अहवाल निव्वळ कोंपी, पेस्ट असून, त्यातील छायाचित्रेसुद्धा जुनेच आहेत. या अहवालाची रयत विद्यार्थी परिषदेच्या वतीने बुधवारी (दि. १७) होळी करण्यात आली. पर्यावरण विभागाचे निष्क्रिय कार्यकारी अभियंता संजय कुलकर्णी यांचे निलंबन करण्याची मागणी परिषदेने केली आहे.

परिषदेने अतिरिक्त आयुक्त अजित पवार यांच्याकडे तक्रार केली आहे. 'पालिकेचा पर्यावरण अहवाल ठोकळेबाज' या शीर्षकाखाली 'पुढारी'ने १ फेब्रुवारीला वृत्त प्रसिद्ध केले होते. त्याची दखल घेऊन परिषदेने पालिका भवनानासमोर अहवालाची होळी केली. अहवाल कट, कोंपी, पेस्टच्या या लीकडे काही नाही. दरवर्षी एकाच संस्थेकडून अहवाल बनवला जातो. जुन्या अहवालामध्ये

भावपूर्ण श्रद्धांजली
दशक्रिया विधी



कें. मारुती रामभाऊ कळमकर

कळविण्यास अत्यंत दुःख होते की,

क. मारुती रामभाऊ कळमकर

यांचे मंगळवार, दि. १६/०२/२०२१

राजी दुःखद निधन झाले. त्यांच्या

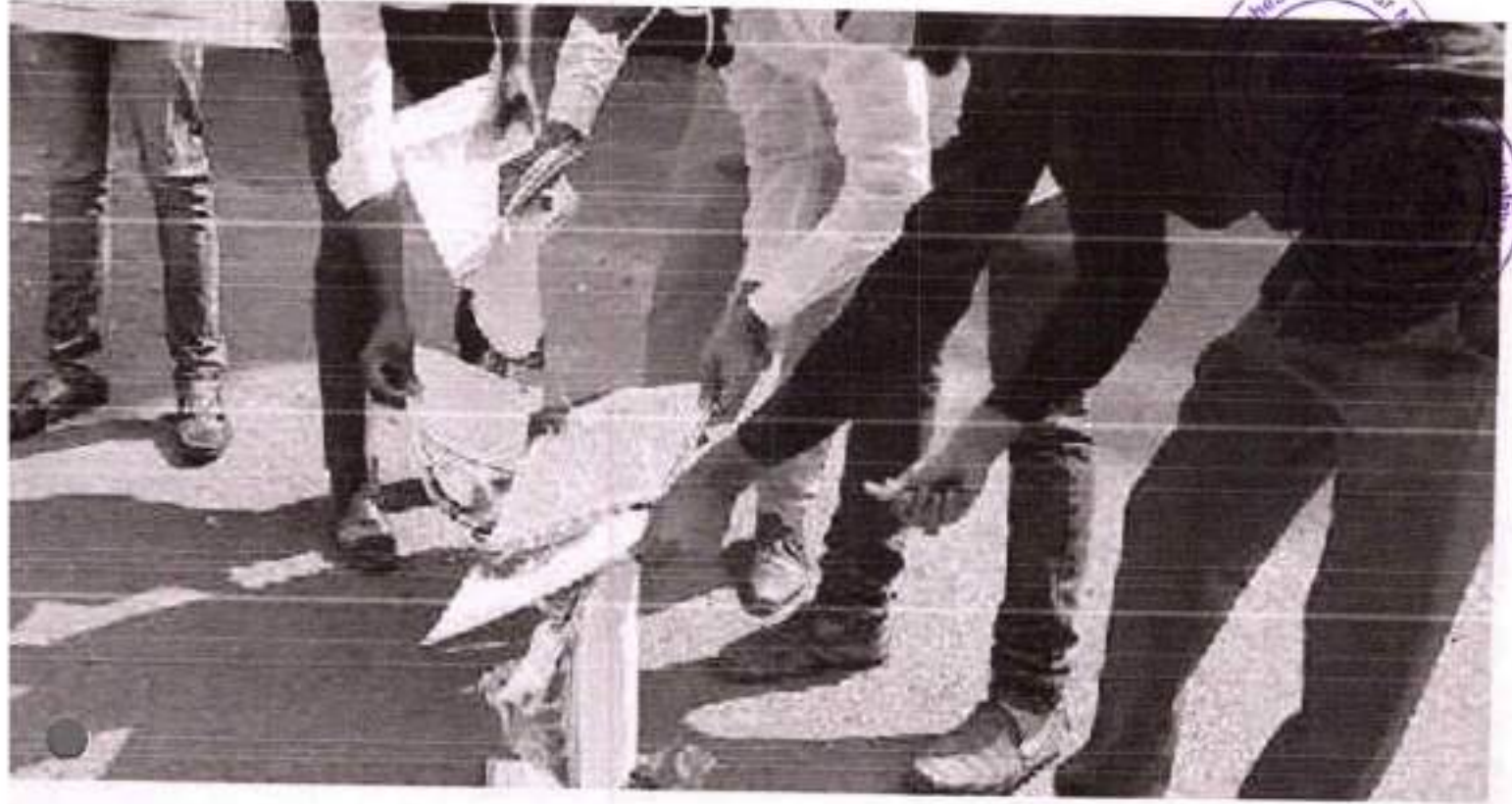
आत्म्यास पिरशोती, शांतता

हीच ईश्वरचरणी प्रार्थना.

Dr. Babasaheb Ambedkar
Pune-67

PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

copy



। पिंपरी : पिंपरी-चिंचवड महापालिकेने सादर केलेला पर्यावरण सद्यस्थिती अहवाल कट, कॉपी, प्लेस्ट अहवाल आहे. त्यामध्ये शहराच्या पर्यावरणाचा वेचार केला जात नाही. याचा निषेध रयत विद्यार्थी परिषदेच्या वतीने बुधवारी (दि.१७) महापालिकेच्या वेशव्दारासमोर पर्यावरण अहवालाची होळी करण्यात आली. या वेळी रयत विद्यार्थी परिषदेचे अध्यक्ष सुर्यकांत सरवदे, रविराज काळे, ऋषिकेश कानवटे, मोमकार भोईर, अजय चव्हाण, हर्षद बनसोडे, निरज जापती आदी उपस्थित होते. पाणी प्रदुषण, ध्वनी प्रदुषण, वायू प्रदूषण, मृदा प्रदूषण याबाबतची नमुना



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-41



रयत विद्यार्थी परिषदेची मागणी

'मुळा'त दुषित पाणी; दोषींवर गुन्हे नोंदवा

॥ पिंपरी : प्रतिनिधी

पिंपळे निलख येथील लाशुध्दीकरण केन्द्रात सांडपाण्यावर कोणतीही प्रक्रिया करता दुषित सांडपाणी मुळा नदीपात्रात सोडण्यात येत आहे. केन्द्रातील गैरप्रकाराची चौकशी रून नदी प्रदूषण रोखण्यासाठी स कारवाई करावी, अशी मागणी रत विद्यार्थी परिषदेच्या वतीने ण्यात आली आहे.

या संदर्भात परिषदेचे वतीने ट्रीय हरित न्यायप्राधिकरण ाष्ट्र प्रदूषण नियंत्रण मंडळाकडे गर करण्यात आली. त्यामध्ये णळे निलखला बायो टॉवर

तंत्रज्ञानावर आधारित २० दशलक्ष लिटर क्षमतेचे मैल शुद्धीकरण केन्द्र आहे. या केन्द्रातू देखभाल व दुरुस्तीच्या नावाखाल सांडपाण्यावर कोणतीही प्रक्रिय न करता सांडपाणी नदीपात्रात सोडण्यात येते. पालिकेच्या चुकीमुळे, व संबंधित ठेकेदारामुं नदीचे प्रदूषण वाढत आहे. याच दखल घेऊन कारवाई करावी संबंधितांवर गुन्हा दाखल करावा अशी मागणी परिषदेचे अध्यक्ष सुर्यकांत सरवदे, रविराज काळे ओमकार भोईर, अजय चव्हाण हर्षद बनसोडे, ऋषिकेश कानवत यांनी केली आहे.



PRINCIPAL

Translation



3

Rayat Shikshan Sansta's

Dr. Babasaheb Ambedkar Mahavidyalaya

Aundh Pune 67

Sewage water let into the Mula River Without Treating:

Mula River Polluted at Wakad Rayat Parishad to complain to the Minister

Pimpri: The Rivers Pawana, Mula and Indrayani have got polluted as the sewage and the drainage water is let into the river beds without treatment. The PCMC and Maharashtra Pollutions control Boards do not take the problem seriously despite of many complaints. The Rayat Vidyarthi Parishad Chairman Suryakant Saravade made complaints to the Environment Minister Aditya Thakare and the secretary of the Department Manisha Mhaiskar.

The polluted water has caused serious damage to the health of the people. The foul smell at water has caused serious illness amount the people, told Mr. saravade, the Chairman of Rayat Vidyarthi Parishad.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



स्थायी समितीचे अध्यक्ष संतोष लोंढे यांच्या आश्वासनानंतर रयत विद्यार्थी परिषदेने आंदोलन मागे घेतले.

स्थायी समिती अध्यक्षांकडून कारवाईचे आश्वासन

पिंपरी : पुढारी वृत्तसेवा

पिंपरी-चिंचवड महापालिकेच्या पिंपळे निलख येथील मैलासांडपाणी शुद्धीकरण केंद्रातून कोणतीही प्रक्रिया न करता थेट नदी पात्रात तब्बल २ महिने मैलासांडपाणी सोडण्यात आले. या प्रकरणी पर्यावरण विभागाचे अधिकारी व ठेकेदारावर कारवाईचे आश्वासन स्थायी समितीचे अध्यक्ष संतोष लोंढे यांनी शुक्रवारी (दि. २३) दिले. त्यामुळे रयत विद्यार्थी परिषदेने उपोषण आंदोलन मागे घेण्यात आले.

केंद्रातून प्रक्रिया न करता थेट नदीत सांडपाणी सोडल्याने नदी प्रदूषणात भर

पासून पालिका भवनासमोर उपोषण आंदोलन सुरू केले.

चौथ्या दिवशी शुक्रवारी संध्याकाळी स्थायी समिती अध्यक्ष लोंढे यांनी भेट घेऊन चौकशी केली. त्यांची आयुक्त श्रावण हर्डीकर यांच्यासोबत चर्चा घडवून आणली. पर्यावरण विभागाचे कार्यकारी अधिकारी संजय कुलकर्णी यांना निलंबित करावे. ठेकेदार श्री विनय इंजिनिअरींग प्रा. लि. यांच्यावर कारवाई करून काळ्या यादीत टाकावे. सांडपाणी केंद्राचे संचालन पालिकेने स्वतः करावे. केंद्रात असणारी बायपास



PRINCIPAL

Aurangabad, Pune-97.

Translation



1

Rayat Shikshan Sansta's

Dr. Babasaheb Ambedkar Mahavidyalaya

Aundh Pune 67

Standing Committee Chairman Promises Action

The sewage treatment plant at Pimple Nilakh run by Pimpri: - Chinchwad Municipal Corporation is not functioning properly. For the last two months, the sewage water is let into the river causing serious damage to the environment. The Rayat Vidyarthi Parishad has been on hunger strike to protest the negligence of sewage treatment plant. Mr. Santosh Londhe, the chairman of standing committee on Friday (dr. 23) met the agitating students and requested them to withdraw the agitation. The Vidyarthi Parishad started the forties agitation before Palika Bhavan.

The Municipal Commission also talked to the agitating students. After a detailed ensuing, Mr. Hardikar suspended the executive officer of the environment department Mr. Sanjay Kulkarni. He promised to put the contractor Shri Vinay Engg. Pvt. Ltd. into the black list and assured the students that an action would be taken against him.



[Handwritten Signature]
PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

केच्या पर्यावरण अहवालाची हं

गॅपी पेस्ट असल्याची टीका : रयत विद्यार्थी परिषदेतर्फे अ

(प्रनिधी) - पिंपरी पालिकेने पर्यावरण अहवाल आले आहे. दरवर्षी हा अहवाल तयार केला जातो. अहवालामध्ये मागील वर्षाचा समावेश असतो. महापालिका असल्याचे वारंवार त्यामध्येच पर्यावरण प्रकाशनाची नसल्याचा आरोप रयत विद्यार्थी परिषदेने केला आहे. महापालिका प्रशासनाचे अहवालात रयत विद्यार्थी परिषदेच्या पर्यावरण अहवालाचा समावेश करण्यात आला आहे. रयत विद्यार्थी परिषदेचे अध्यक्ष, रविराज काळे, सचिव, ओमकार भोईर, सचिव, वनसोडे उपस्थित



पिंपरी : महापालिकेच्या पर्यावरण अहवालाची होळी करताना रयत विद्यार्थी परिषदेचे कार्यकर्ते.

होते. सूर्यकांत सरवडे म्हणाले, पर्यावरण अहवाल तयार व संवर्धनासाठी कोणत्याही प्रकारची टोस भूमिका पालिकेची नाही. विविध विभागांकडून आकडेवारी घेणे व त्या आकडेवारी मध्ये थोडासा बदल करून पर्यावरण अहवाल तयार केला जातो. जुन्या अहवालामध्ये वापरलेले फोटो देखील बदलले जात नाहीत

सारखेच असतात. पाणी, मृदा प्रदूषण याबाबतचे नोंद करताना कोणत्या ठिकाणचे किती वेळा घेतले याचा मागीलवर्षी व या वर्षाच्या तुलनेत कॉपी, पेस्टच आहे त्यामुळे संशोधित एजन्सी यादीत टोसण्यात यावे.

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-41

Translation



Rayat Shikshan Sansta's

Dr. Babasaheb Ambedkar Mahavidyalaya

Aundh Pune 67

**Rayat Vidyarthi Parishad burns the Report of PCMC
Environment Report**

Pimpri: The Rayat Vidyarthi Parishad on Wed (27) burned the report of the P.C.M.C an Environment blaming that three is nothing new in it and demanded the suspension of Sanjay Kulkarni, the inactive chief of the P.C.M.C Environment Dept., they claimed.

The Parishad made complaint to addition commission P.C.M.C Mr. Ajit Pawar against the news published in the daily Pudhari of 5th Feb. The Parishad is agitating for a long time against Pollution of the rivers. To protest, they burned the P.C.M.C report an environment.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.





PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-47.



[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-47.



TO ADVERTISE WITH US, CALL 1800 120 0474 | TO ORDER YOUR COPY, CALL 1800 1200 004 TOLL FREE

CITY PAGE 2
T STUDENTS DEVELOP DIGITAL EDUCATION PLATFORM FOR ALL
 The innovation wins first prize at the fourth edition of Smart India Hackathon

CITY PAGE 3
SPPU TO FINE PROFS FOR WRONG MARKINGS
 Errors during feeding in internal assessment grades online will draw ₹ 1,000 penalty; move aims to bring down load of re-evaluation

NATION PAGE 7
10 PATIENTS KILLED IN FIRE AT AP COVID CARE FACILITY
 21 patients rescued, 12 staff members jumped to safety; criminal cases filed after state govt finds lapses in running of the centre



A group of students of Rajat Vidyarthi Parishad discuss issues at the sewage treatment plant (below) in Pimple Nilakh that discharges waste in the Mula-Mutha (R), polluting the river

PCMC DISCHARGES SEWAGE DIRECTLY INTO MULA-MUTHA

Under a close watch on the plant, a group of students found that the STP in Pimple Nilakh hardly functions although set up with advanced bio-tower technology 11 years ago; complaint filed with NGT, MPCB

hana.More@timesgroup.com
 @Archana_Mirror
 A group of students have exposed malpractices at a sewage treatment plant (STP), being operated by Pimpri-Chinchwad Municipal Corporation (PCMC) in Pimple Nilakh, that has been discharging waste directly into the river for the past few months, causing enormous pollution of the Mula-Mutha.
 The students of Rajat Shikshan Sanstha have filed a complaint with Maharashtra Pollution Control Board

(MPCB) as well written to the National Green Tribunal (NGT), demanding that a criminal case be filed against the culprits. Incidentally, MPCB served a show-cause notice to PCMC in December last year regarding pollution in the Pavana and Indrayani rivers. PCMC then submitted their action plan on polluted rivers. MPCB warned that if PCMC fails to implement the plan, it will have to pay a bank guarantee of ₹ 5 lakh.
 About 11 years ago, the STP that can treat 20 million litres of sewage per day was set up to collect and treat

waste from Vishal Nagar, Pimple Nilakh and Lakshak Society before discharging into the Mula-Mutha.
 Suryakant Sarwade of Rajat Vidyarthi Parishad said, "As compared to other 12 STPs in PCMC, this plant is an advanced one, based on bio-tower technology but it is deliberately being kept defunct, thereby harming the river's ecosystem and making mockery of citizens' lives."



CONTINUED ON PAGE 4



Dr. Babesahob Ambedkar College, Aundh, Pune-67.

रयत विद्यार्थी परिषदेचे उपोषण

पिंपरी, ता. २० : महापालिकेच्या पिंपळे निलख येथील मैला शुद्धीकरण केंद्रातून विनाप्रक्रिया सांडपाणी नदीपात्रात सोडण्यात येत आहे. याबाबत वारंवार पालिका प्रशासनाच्या निदर्शनास आणूनही दुर्लक्ष केले जात आहे, याचा निषेध म्हणून रयत विद्यार्थी परिषदेने मंगळवारी लाक्षणिक उपोषण केले. पालिकेसमोर दुपारी बारापासून सायंकाळपर्यंत ऋषिकेश कानवटे आणि राजू काळे उपोषणास बसले होते.

आंदोलनकर्ते म्हणाले, “ लॉकडाउन कालावधीत महापालिका आयुक्तांना ई-मेलद्वारे पिंपळे निलख येथील मैला शुद्धीकरण केंद्रातून विनाप्रक्रिया सांडपाणी नदीपात्रात सोडण्यात येत आहे, याबाबत वारंवार पालिका प्रशासनाच्या निदर्शनास आणूनही दुर्लक्ष केले जात आहे, याचा निषेध म्हणून रयत विद्यार्थी परिषदेने मंगळवारी लाक्षणिक उपोषण केले. पालिकेसमोर दुपारी बारापासून सायंकाळपर्यंत ऋषिकेश कानवटे आणि राजू काळे उपोषणास बसले होते.

केली होती. देखभाल दुरुस्तीच्या नावाखाली कोणतीही प्रक्रिया न करता सांडपाणी नदीपात्रात वायपास द्वारे सोडण्यात येत होते. याबाबत महाराष्ट्र प्रदूषण नियंत्रण मंडळ यांच्याकडे ई-मेल द्वारे तक्रार केली होती. त्यावर मंडळाने महापालिका पर्यावरण विभागाकडे लेखी खुलासा मागितला होता. तो आजतागायत पालिकेने दिला नाही. आयुक्त हर्डीकर यांच्याकडे तक्रार केली, स्मरणपत्रे दिली, तरी कारवाई नाही. पर्यावरण विभागाचे अभियंता संजय कुलकर्णी आणि शहर अभियंता रामदास तांबे यांना भेटून संबंधित प्रकाराची तक्रार करूही



पिंपरी : महापालिकेच्या पिंपळे निलख येथील मैला शुद्धीकरण केंद्रात सांडपाण्यावर कोणतीही प्रक्रिया केली जात नाही. याकडे दुर्लक्ष केल्याप्रकरणी लक्ष वेधण्यासाठी रयत विद्यार्थी

Translation



Rayat Shikshan Sansta's

Dr. Babasaheb Ambedkar Mahavidyalaya

Aundh Pune 67

Rayat Vidyarthi Parishad an Hunger Strike

Pimpri (Dy. 20) the sewage treatment place at Pimple Nilakh instead of treating the sewage water lets it into the river. The pollution control Department of the PCMC was warned against this. To Protest against the negligence of the PCMC, the Rayat Vidyarthi Parishad has started the hunger strike before the Palika Bhavan, since Tuesday (dt. 20)

The sewage treatment plat at Pimple Nilakh should be run by the PCMC itself an the contractor has failed to treat the sewage water. The sewage water, instead of being treated, let into the river from 9th August to 7th October 2020. The Parishad is demanding the suspension of environment Department Chief Mr. Sanjay Kulkarni and put the contractor into the black list. The Vidyarthi Parishad demanding to form or inquiry committee and take strike action against those who are guilty. To pursue, their dements the parishad is on the hunger strike.




PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



PCMC discharges sewage...

CONTINUED FROM PAGE 1

Water was started coming from the plant, we found sewage water being discharged without any treatment in the past few days," he said.

The fact that the plant is discharging effluent into the river is a serious matter. However, the plant is in a state of disrepair and needs to be upgraded. The plant has a capacity of 100 million litres per day. However, it does not even treat 20 million litres of sewage a day, they claimed.

They alleged that the water is not being treated properly. The plant is in a state of disrepair and needs to be upgraded. The plant has a capacity of 100 million litres per day. However, it does not even treat 20 million litres of sewage a day, they claimed.

"The shocking thing is that the PCMC officers concerned send personnel to check once a plane from the airport for carrying out the regular work. PCMC officers, who have been sent to check from the work in the city, carried by the garbage department from the plant is kept shut and sewage dumped directly into the river. The plant is completely unattended and this is a serious matter. The laboratory, prepared to monitor the work, is also in a state of disrepair."

Another student, Ravindra Kale, said, "We have submitted all the photographs and videos of the plant along with the complaint. A detailed report has prepared and is to be filed. We are demanding that the government should take the necessary steps to ensure the power while polluting the river. It is demanded that the government should take the necessary steps to ensure the power while polluting the river. It is demanded that the government should take the necessary steps to ensure the power while polluting the river."

Their friend Chitkar Bharu said, "We found that workers at the plant don't have any safety measures like caps, gloves and masks. There is a lack of having N95 if they are wearing masks after spending several days."

When Mirror contacted PCMC municipal commissioner Vikas Anandkar, he said, "We have received a complaint. I have appointed a team to conduct an inquiry into the matter. The team will visit the plant and submit a report to the department. We will take the necessary action after the report."

Earlier, Mir's correspondent was told that several staff had died with a 7 million litres per day (MLD) water supply. The water supply is not sufficient for the city. PCMC is spending Rs 200 MLD per day on the water supply. The water supply is not sufficient for the city. PCMC is spending Rs 200 MLD per day on the water supply.

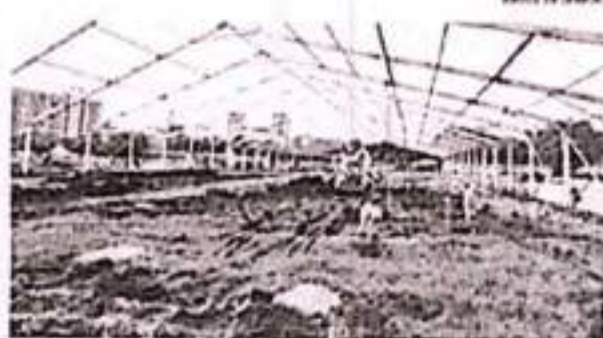


Active cases come down as more people recover

2,758 people test positive, 3,771 were discharged; PMC's testing pace remains unhampered

By Anandkar Mohan
@prachin_mirror

Pune Municipal Corporation (PMC) conducted around 6,000 tests for COVID-19, thus continuing with the pace even in Sunday. PMC's testing pace is notable as it has given a day off on its festive day by suspending a number of people. This week end to be an exception with the PMC conducting 6,000 tests on Sunday. 1,000 people tested positive within the city limits, 1,002 in the city and 198 in rural areas. Work 24 in PMC limits, 17 in the town, 16 in rural areas and 2 from street found, the toll now at 2,469.



The Jumbo facility for COVID-19 patients is being speedily built at College of Engineering Pune's ground in Shivajinagar

discharged than positive cases continued even on Sunday with 1,879 patients fully recovered in PMC limits. These 15,812 active cases in the city now of which 726 patients continue to be critical, 145 are on ventilator and 278 are on ICU without ventilator. Also, 2,083 patients are on oxygen support. The discharged included a 101-year-old woman from Kalas in Vihitrant-wadi. She was undergoing treatment at Nanavati General Hospital since August 6 after getting testing for the

Corona fact-check

Pune district:	1,08,781
Discharged in district:	79,507
State:	5,15,332
India:	71,92,101
World:	1,98,95,753

Maharaja Prasad Pathy passed away at KEM Hospital due to sepsis, multiple organ dysfunction syndrome (MODS), COVID positive pneumonia, hyper-tension and hypothyroidism. A 44-year-old woman from Sanyal Nagar, Hadapsar, passed away at Kanchal Navale Hospital due to severe acute respiratory illness due to COVID-19 and hypotension.

Chitambar also saw a high number of cases, with 17 deaths, its tally now stands at 116. Out of the 17 deceased, seven people are from outside the city limits. Here, 193 patients were discharged after recovery.

PCMC officials asked to not ignore departmental duties

Order in this regard was issued since many employees were found passing the work on their routine tasks after being assigned to COVID-19-related work in city

By Anandkar Mohan
@prachin_mirror

epidemic has spelled an array of duties for civic officials apart from their regular departmental work. The juggling of tasks, however, singly does not balance the entire COVID-19. As a result, work suffering. In this light, Pune Corporation (PMC) has directed its officers to ensure that they do not neglect their departmental work along with the COVID-19



PMC workers have been busy with contact tracing, increasing treatment capacity, providing foodgrain and managing quarantine

to focus on departmental work. Apart from major issues being resolved, no other work was being done. The administration has now issued an order asking the officials to ensure that they complete their departmental duties as well. The order states, "Majority of the PMC officials had been deployed on COVID-19 duties. However, the officials are seen

There are several important duties for an employee. These need to be completed too apart from COVID tasks. — Anandkar Mohan, IAS, Director of general administration

department have been deployed for COVID-19 work. They have been coming up with many excuses when we wanted departmental work to be done. They were also seeking transfer from one task to another. This entire process had led to chaos. Hence, this order has been issued to ensure that no one runs away from designated duties."

Anandkar Mohan, head of general administration, said, "They are very busy with their duties as employees. They are not neglecting their departmental duties. They are also seeking transfer from one task to another. This entire process had led to chaos. Hence, this order has been issued to ensure that no one runs away from designated duties."

details have stated that they do not neglect their departmental work. The order is meant for all employees. Details have stated that they do not neglect their departmental work. The order is meant for all employees. Details have stated that they do not neglect their departmental work. The order is meant for all employees.

It further observed, "The STP was shut from October 1 to 11, 2020. Treated outlet quality seen during the visit was slightly blackish in colour." The report also noted that MPCB had already issued a warning notice to PCMC on August 3, 2020, directing it to stop discharge of untreated effluents into the river.



MPCB regional officer Kiran Hasabnis said, "We have submitted the report to senior officers after our team visited the STP and they will decide on further action. We will issue directions to the authorities. We found that the plant is out of order and does not operate smoothly. When we visited it earlier this year, it was out of operation for maintenance. Every six months, it faces the same issues."

Rayat Vidyarthi Parishad had also demanded criminal action in the matter. Member Raviraj Kale said, "We found that the agency appointed by PCMC is not taking care of the plant. PCMC should take over and make arrangements for maintenance. Sewage water is being directly released into the river without treatment for more than two months now. Criminal action



True copy

[Signature]
PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-07.



TO ADVERTISE WITH US, CALL 1800 120 8474 | TO ORDER YOUR COPY, CALL 1800 1200 004 TOLL FREE

BACK TO BEGGING, AS TRANSGENDERS LOSE LIVELIHOOD

Endemic forces sell water bottling at, entirely run by men, to shut down; need govt help, they live in penury

CITY PAGE 2



NEW WAVE IN WINTERS POSSIBLE: PANEL

Despite fall in cases and deaths in the last three weeks, 90% of the people are still susceptible to infections, says head of govt-appointed scientific panel

NATION PAGE 7



THE GOOD FIGHT

Arguments, too, are healthy for a relationship. Here's what you should know, so you stay stronger

YOU PAGE 8



EFFLUENTS RELEASED DIRECTLY INTO MULA-MUTHA

Malpractices at PCMC's sewage treatment plant in Pimple Nilakh: MPCB

pollution control officials find cement pipe bypassing treatment, note terrible state of STP; PCMC chief says it has to rely on an agency due to no manpower. Students who originally complained threaten to protest



FLASHBACK

Pune Times Mirror

PCMC DISCHARGES SEWAGE DIRECTLY INTO MULA-MUTHA

Mirror reported about the STP on August 10, 2020



Pimple Nilakh STP has been quite rundown, with no security around tanks who have taken up the cause said the cement pipe bypassing treatment seen by MPCB officials was broken (R) a day after their visit

[Archana More @timesgroup.com]

TWEET @Archana_Mirror

Serious malpractices in treatment of effluents released into the Mula-Mutha have come to the fore once again, after a visit by the Maharashtra Pollution Control Board (MPCB) to the Pimple Nilakh Municipal Corporation's (PCMC) sewage treatment plant (STP) at Pimple Nilakh.

State pollution control officials were visiting the spot last week after taking cognizance of a complaint made by a group of students from Rajat Shiksha Sanstha - the Rajat Vidyarthi Parishad - who had exposed the irregularities two months ago. At the time, More had reported the expose in front page news titled 'PCMC discharges

sewage directly into Mula-Mutha' (PN, August 10), noting that the pupils had demanded immediate action.

During their recent visit, MPCB officials found that management running the plant seems to have made some sort of bypass arrangement, using a cement pipe between the river and sewage tank. Due to this, effluents from the latter reach the attached chamber without treatment.

Shockingly, the students learned out that soon after the MPCB visit, the offending pipe was found broken and alleged that this was done by the agency running it to avoid any further scrutiny.

The plant had been closed for two days by a student and teacher strike led by **Dr. Babasaheb Ambedkar College, Aundh**.

PRINCIPAL

CONTINUED ON PAGE 8



गणनेचे काम दोन वर्षांनंतरही अपूर्ण



विडमुळे अडथळा : सव्वादोन लाखांपेक्षा अधिक दंड करूनही कामात वि

तिनिधी) - शहरात भौगोलिक सूचना प्रणालीचा आयएस) वृक्षगणना करण्याचे दिलेले काम दोन राहिले आहे. महापालिका प्रशासनाने ठेकेदाराला रुपयांचा दंड केला आहे. त्यानंतरही त्यांच्याकडून रण्यात येत आहे. आता हे काम पूर्ण करण्यासाठी तवाड देण्याचे महापालिका प्रशासनाचे नियोजन ठे निर्माण झालेली परिस्थिती आणि विविध णनेला विलंब झाला आहे.



...अन्यथा तीव्र आंदोलन

दंड टोटावल्यानंतरही वृक्षगणनेला विलंब करणाऱ्या ठेकेदाराला मा मुदतवाढ न देता काळ्या यादीत टाकावे, अशी भूमिका रयत विद्या आहे. परिषदेचे रविराज काळे यांनी याबाबत आयुक्त राजेश पाटील पत्रात त्यांनी म्हटले आहे की, या कामासाठी मुदतवाढ देण्यात येऊ ठेकेदारकडून कामकाज काढून घेण्यात यावे. नवीन ठेकेदाराची नियु कामकाज लवकरात लवकर पूर्ण करून घ्यावे. अन्यथा कोविडच्या रयत विद्यार्थी परिषदेकडून तीव्र आंदोलन करण्यात येईल.

वृक्षगणनेच्या कामाला २०१८ मध्ये सुरुवात

काम दिलेले आहे. वृक्षगणना कामाची दोन वर्षांची मुदत १० जानेवारी २०२० रोजी संपुष्टात आली. आता संबंधित ठेकेदाराला ३१ मे अखेरपर्यंत मुदतवाढ देण्याचे नियोजन करण्यात आले आहे.

वृक्षगणनेच्या कामकाजास विलंब

केल्याबद्दल दंडात्मक कारवाई म्हणून ठेकेदाराला प्रतिदिन १ हजार रुपयांप्रमाणे २३४ दिवसांसाठी २ लाख ३४ हजार इतका दंड आकारण्यात आला आहे. तरी देखील वृक्षगणनेचे कामकाज अद्याप अपूर्ण आहे. सद्यःस्थितीत 'ब', 'क' आणि 'ड' प्रभागातील वृक्षगणना करण्याचे कामकाज पूर्ण झाले आहे. अन्य प्रभागातील वृक्षगणनेचे काम अपूर्ण आहे. उर्वरित कामकाज व अहवाल सादर करण्यासाठी

संबंधित ठेकेदाराने ३१ मेपर्यंत मुदतवाढ मिळावी, अशी मागणी केलेली आहे. त्यानुसार मुदतवाढ अंतर्गत आणखी २७३ दिवस जाणार आहेत. प्रति दिन एक हजार रुपये याप्रमाणे त्यासाठी आणखी २ लाख ७३ हजार रुपयांचा दंड केल्यास विभाग असल्याचे वृक्षसंवर्धन विभागाने आपल्या पत्रात नमूद केले आहे. वृक्षगणना कामकाज पूर्ण करण्यासाठी संबंधित ठेकेदार संस्थेकडून जादा मनुष्यबळ लावण्यात आले आहे.

कोविड परिस्थितीत अन्य काही कारण वृक्षगणनेला उशीर कोसळलेल्या ठेकेदाराला दंड ल ३१ मे अखेरपर्यंत मुदतवाढ देण्याचे उद्यान :

PRINCIPAL

Dr. Babasaheb Ambedkar College

शब्दराज

ताज्या बातम्या व अपडेटसाठी वाचा
शब्दराज
dailyhunt वर..

संपादक - विवेक विजयकुमार मुंडडा , 9421471296

Email : dailyshabdraj@rediffmail.com

• पुणे • • वर्ष २२ • • अंक ३४ • • दुसरा, दिनांक ११ ऑगस्ट २०२० • • पाने ४ • • किंमत ३ रुपये • • Web : www.shabdraj.com •

जलशुद्धीकरणाला टाळे ठोकून चालतोय PCMC मनपाचा कारभार, आरोप रयत विद्यार्थी परिषदेचा

पिंपरी-चिंचवड, प्रतिनिधी - पिंपळे निलख येथिल बायोटावर तंत्रज्ञानावर आधारीत मैला शुद्धीकरण केंद्र येथिल गैरप्रकार रयत विद्यार्थी परिषदेने उपडकीस आणल्यानंतरही महानगरपालिका हे प्रकरण गांभीर्यनि हाताळताना दिसत नाही. या प्रकरणी पालिका जैसे थे ची अवस्था आहे. याडलट संबंधित पालिका अधिकारी संजय कुलकर्णी यांच्या परवानगीने सदर मैला शुद्धीकरण केंद्राच्या प्रवेशद्वारावर टाळे ठोकण्यात आले आहे. संबंधित अधिकारी ठेकेदारांना पाठीशी घालण्याचे काम करत आहेत.

दिनांक ०७/०८/
२०२० रोजी पासून आजपर्यंत

मैला शुद्धीकरण केंद्रात सांडपाण्यावर प्रक्रिया करण्याचे



काम बंद ठेवण्यात आल्यामुळे सांडपाणी थेट नदीपात्रात सोडले जात आहे. संबंधित पालिका अधिकारी संजय कुलकर्णी यांच्यावर अगोदर गैरव्यवहाराचे आरोप सिद्ध झाले आहेत. असे भ्रष्ट अधिकारी संबंधित ठेकेदारास पाठिशी घालून नदी प्रदूषण होण्यास कारणीभूत आहेत असा आरोप रयत विद्यार्थी परिषदेने

केला आहे. मैला शुद्धीकरण केंद्राचे प्रवेशद्वार बंद करून संबंधित अधिकारी व ठेकेदार खाजगी मालमत्ता असल्यासारखे हुकूम सोडत आहेत. गेली अकरा दिवस मैला शुद्धीकरण केंद्र बंद आहे. आयुक्तांनी सदर प्रकरणाची सखोल चौकशी करून संबंधित ठेकेदारास काळ्या यादीत टाकून त्यांच्यावर गुन्हे दाखल करावेत. याबद्दल नदी

प्रदूषणास आज्ञा बसावा आणि नदी संवर्धनासाठी ठोस भूमिका आयुक्तांनी घ्यावी अशी रयत विद्यार्थी परिषदेची मागणी आहे. त्याबद्दल उपस्थित रयत विद्यार्थी परिषदेचे अध्यक्ष सुर्यकांत सरवदे, रविरोज काळे, ऋषिकेश कामवटे, तमद बनसोडे, ओमकार भोईर, अजय चव्हाण उपस्थित होते.

अल्पसंख्याक समाजातील तरुणांनी पोलीस भ



बीड जिल्हासाठी राज

PRINCIPAL
Dr. Babasaheb Ambedkar College,
उमेदवारांनी माफा
Aundh, Pune-43



पिंपरी चिंचवडमधील वनोन्मादप्रत्यूची नव निकास
१२३
२४ तासातील रुग्णांचा
९६,८५१
एकूण रुग्णाबाधित
९३,५५९
एकूण बरे झालेले रुग्ण
०४
मेथ्या २४ तासातील मृत्यू
२४९२
एकूण मृत्यू

प्रकाश पायलट

पिंपरी, दि. २ (प्रतिनिधी) - पिंपरी-चिंचवड महानदीत मुळा नदीपात्रात घेतला प्रयास सांडपाणी सोडण्यात येत आहे. त्यामुळे नदीच्या प्रदूषणात वाढ झाली आहे. याबाबत महाराष्ट्र प्रदूषण नियंत्रण मंडळानेही वातावरण मंडळाला सूचना दिली आहे. मात्र असे असतानाही महापालिकेच्या पर्यावरण विभागाचे महानदी नदी प्रदूषणाकडे दुर्लक्ष केले आहे. आजही वाळवंट येथील मैलागुडीकरणा केंद्रातून सांडपाण्यावर प्रक्रिया व कचरा पाणी बंद नदीपात्रात सोडण्यात येत आहे. याबाबत यांच्या तक्रारी करूनही पर्यावरण विभागाच्या निष्क्रिय अधिकार्यांनी वाळवंट दुर्लक्ष केले आहे.

तक्रार करूनही कारवाई नाही : निष्क्रिय अधिकार्यांचे निलंबन करण्याची मागणी

पिंपरी-चिंचवडमहापालिका नद्यांच्या मुळावर

पिंपरी निलंबन येथील मैलागुडीकरणा केंद्रातून सांडपाण्यात प्रक्रिया व कचरा पाणी मुळा नदीपात्रात सोडले जात आहे. याबाबत स्थान विद्यापीठ चौफेरच्या कार्यकर्त्यांनी याबाबत आवाज उठविला आहे. येथील नदी प्रदूषणाबाबत त्यांनी महाराष्ट्र प्रदूषण नियंत्रण मंडळाच्या मनीष मीसेकर यांचे निवेदन दिले आहे. त्यानुसार, महापालिका नदी प्रदूषणाबाबत संपीर नाही.

एक विद्यार्थी परिषदेने नदी प्रदूषणाबाबत महापालिकेच्या पर्यावरण विभागाची निष्क्रियता याबाबत निदर्शनास आणून दिली. मुळा-मुठा नदी पात्रात पिंपरी निलंबन येथील मैलागुडीकरणा केंद्रातून सांडपाण्यावर प्रक्रिया व कचरा पाण्यातून सांडपाणी नदीपात्रात सोडण्यात

येत होते. हे निदर्शनास आणून दिव्यानेतर महाराष्ट्र प्रदूषण नियंत्रण मंडळाने कारवाईचे पत्र महापालिकेला दिले होते.

पण महाराष्ट्राच्या कायद्याचे अधिकार्यांनी कारवाई केली नाही. त्यांच्या संवेदना पोषक झाल्याने पर्यावरणाचा मोठ्या प्रमाणावर नाश होत आहे. वाळवंट पात्रातून प्रदूषणमुक्त नदीवरून कानिप्रदूषण विभागाच्या अंतर्गत मेषो ५, दादासाह गिरेर कार्याचे मैलागुडीकरणा प्रकल्प स्थान झाल्यापासून सांडपाण्यावर प्रक्रिया व कचरा सांडपाणी नदीपात्रात सोडले जात आहे. वाळवंट येथील प्रकल्पातून पिंपरी निलंबन मैलागुडीकरणा केंद्रातून कोणतेही ट्रेनसोडणे नाही.

यामुळे वाळवंट परिसरातील सांडपाणी

प्रक्रियांना नदीपात्रात सोडले जात आहे. यापुढे नदीपात्रातील जीवसृष्टी आणि नागरिकांच्या आरोग्यात खोबा निर्माण झाला आहे. नदीपात्रात सोडलेल्या पाण्याला दुर्गंधी येत असल्याने नागरीकांना पाण्याचा वापर करायला लागत आहे. मात्र निष्क्रिय अधिकार्यांनी याचे भय समजावून कारवाईचे आवाज पोषकता येत आहे.

नदीच्या प्रदूषणाची गंभीर समस्या असताना महापालिकेतील संबंधित अधिकारी एकमेकांकडे टोलपात्रेलाही करत आहे. पर्यावरण विभाग ते काय ट्रेनस विभागाचे सांगून अंग काढून घेण्याचा प्रयत्न करत आहे. तर ट्रेनस विभागाचे अधिकारी प्रश्नांना उत्तर देण्यास टाळाटाळ करत आहे.

निष्क्रिय अधिकार्यांच्या पाठीशी प्रशासन ?

नदी प्रदूषणाबाबत घेतलेल्या विद्यार्थी निवेदनाच्या सदाच्याने दोन महिन्यांपूर्वी जबाब केले होते. या वेळी सलग चार दिवस त्यांनी प्रश्नातून महाराष्ट्राने घेतलेल्या प्रश्नांवर बसून जबाब केले. त्यांच्या मागण्या पूर्ण करण्याचे आश्वासन देत त्यांना काही नंतरही जबाब न घेण्यात भाग घेतले. त्यांच्या घटनेवर विभागातील निष्क्रिय अधिकारी संजय कुलकर्णी यांचा निवेदन करावे, अशी मागणी सदाच्याने केली होती. मात्र अद्याप त्यांच्यावर कोणतीही कारवाई झाली नाही.

पत्नीची बद्दनामी ; पतीवर गुन्हा दाखल

पिंपरी, दि. २ (प्रतिनिधी) - पिंपरीत राहण असलेल्या पत्नीच्या परिणामात तिचे बद्दनामीकरण करून घेतले जात आहे. हा प्रकार मुळावरी (दि. २) पिंपरी पोलीस ठाण्यात झाला. याबाबतचे तक्रारी घेतल्या आहेत. याबाबतचे तक्रारी घेतल्या आहेत. याबाबतचे तक्रारी घेतल्या आहेत.

नदीपात्रात श्वेत सांडपाणी

अधिकारी लोकप्रतिनिधींचे दुर्लक्ष



कार्यकारी अभियंत्याची प्रश्नाला बगल

वाळवंट ट्रेनस विद्यापीठ कार्यकारी अभियंता अजित किंदे यांना फोन करून विचारले की असाही त्यांनी याबाबत बोलणे टाकले. नो जवाब काही सांगू शकत नाही. सोमवारी धोमू आहे सांगत फोन बंद केला.

माझ्या अधिकारात नाही

मैलागुडी नदी पात्रात जाणारे पाणी रॉयल स्टेशनचे नाही. ते ट्रेनस विभागाच्या अधिकारात आहे. माझ्याकडे पत्रिने नदीपात्र आहे एका महिन्यापूर्वीच त्याबाबत ट्रेनस विभागाला कळवले आहे. स्टेशनच्या बांधणीत आहे त्या नाल्यातून ते पाणी येत आहे. पुढे ट्रेनस विभागाचे तक्रार कार्यवाही करणे अपेक्षित आहे. त्यानुसार ते कार्यवाही करतील.

- संजय कुलकर्णी, पर्यावरण विभाग



पिंपरी - वाळवंट परिसरातून सांडपाणी नदीपात्रात सोडण्यात येणारे सांडपाणी.

पिंपरी-चिंचवड महापालिका पर्यावरण विभाग नदी प्रदूषणाबाबत महाराष्ट्राने घेतलेल्या प्रश्नांवर बसून जबाब केले. त्यांच्या मागण्या पूर्ण करण्याचे आश्वासन देत त्यांना काही नंतरही जबाब न घेण्यात भाग घेतले. त्यांच्या घटनेवर विभागातील निष्क्रिय अधिकारी संजय कुलकर्णी यांचा निवेदन करावे, अशी मागणी सदाच्याने केली होती. मात्र अद्याप त्यांच्यावर कोणतीही कारवाई झाली नाही.



मैलाशुद्धीकरण केंद्रातून थेट नदीपात्रात सांडपाणी सोडल्याने आंदोलन करताना रयत विद्यार्थी परिषदेचे पदाधिकारी.

मैलाशुद्धीकरण केंद्रातून थेट नदीत सांडपाणी सोडल्याने उपोषण

पिंपरी : पिंपरी-चिंचवड महापालिकेच्या पिंपळे निलख येथील मैलासांडपाणी शुद्धीकरण केंद्रातून कोणतीही प्रक्रिया न करता थेट नदी पात्रात सांडपाणी सोडण्यात आले. हा प्रकार तब्बल दोन महिने सुरू होता. त्यामुळे नदी प्रदूषणात भर पडली असून, जलचर जीवसृष्टी धोक्यात आली आहे. या प्रकरणी संबंधित ठेकेदार व पालिकेच्या अधिकाऱ्यांवर कारवाई करावी, या मागणीसाठी रयत विद्यार्थी परिषदेने मंगळवारी (दि. २०) पालिका भवनासमोर उपोषण आंदोलन केले. या संदर्भात परिषदेने महाराष्ट्र प्रदूषण मंडळाकडे तक्रारही केली आहे. मंडळाने पालिकेच्या पर्यावरण विभागास नोटीस बजावली होती. मात्र, त्यावर पालिका प्रशासनाने काहीही उपाययोजना केली नाही. त्यामुळे संबंधित ठेकेदार व पर्यावरण विभागाच्या अधिकाऱ्यांवर कारवाई करावी, या मागणीसाठी



Principal
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

महानगरपालिकेच्या गळथान कारभारावर रयत विद्यार्थी परिषदेचा जोरदार प्रहार.



पिंपरी चिंचवड, ता. १२:- येथील पिंपरी चिंचवड महानगरपालिकेत खूपदा पाठ पुरवठा करून सुद्धा महानगरपालिकेला जाग न आल्यामुळे रयत विद्यार्थी परिषदेच्या परिषदेच्या विद्यार्थ्यांनी स्वतः नदीत उतरून ती जलपणी काढण्यास सुरुवात केली आहे.

महानगर पालिकेतून वाहणाऱ्या मुळा नदीत मोठ्या प्रमाणात जलपणी साठली असताना ती काढण्यासाठी अनेक कोटींची तरतूद असताना ती जलपणी काढण्याबाबत अनेकदा पत्र व्यवहार करून निवेदन देऊन सुद्धा अधिकारी अनिल राय पर्यावरण विभाग अभियंता संजय कुलकर्णी हे दोन्ही अधिकारी जबाबदारी ढकलण्याचा काम करतात. त्यात भरोस भर म्हणून की काय अनिल राय हे ठेकेदार साई प्राइड यांना नेहमी पाठीशी घालण्याचा काम करत आहेत.

यामुळे रयत विद्यार्थी परिषदेच्या परिषदेच्या विद्यार्थ्यांनी स्वतः नदीत उतरून ती जलपणी काढण्याचा निर्णय घेतला आणि त्या नुसार पाऊल उचलून ती जलपणी काढण्यास सुरुवात केली ही जलपणी उद्या गुन्हीपाडव्यानिमित्त पुणे महानगरपालिका पिंपरी चिंचवड महानगरपालिकेचे आयुक्त आणि पर्यावरणमंत्री

आदित्य ठाकरे यांना सप्रेम भेट म्हणून देण्यात येईल हेही जाहीर केले.

याबाबतीत रयत विद्यार्थी परिषदेचे अध्यक्ष म्हणाले की आम्ही काही फार मोठे काम करत नाही पण या कामात खारीचा वाटा नक्कीच उचलू तसेच लोकांच्या आरोग्याचे काय लोकांच्या आरोग्याच्या नावाखाली जो पैसा महानगरपालिका लागते त्या पैशांचा हिशोब काय असाही प्रश्न त्यांनी विचारला.

यावेळी रयत विद्यार्थी परिषदेचे अध्यक्ष सुर्यकांत सरवदे, रविराज काळे, अक्षय कोथिंबीरे, ओमकार भोईर, ऋषिकेश कानवटे, योगेश गायकवाड, विशाल नागटिळक, अक्षय माहलकर, अजय चव्हाण, दिव्या जोशी, मनोज शर्मा, मनोज गुरव आणि बालाजी काकडे पदाधिकारी उपस्थित होते.



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Pimpri, Pimpri-47

प्रक्रिया न करता सांडपाणी थेट नदीत

वाकडची मुळा नदी झाली प्रदूषित

स्वतः परिषदेची पर्यावरण मंत्र्यांकडे तक्रार

। पिंपरी : प्रतिनिधी

पवना, मुळा आणि इंद्रायणी नदीपात्रात प्रक्रिया न करताना थेट सांडपाणी सोडण्याचे प्रकार वारंवार होत असून त्यामुळे मोठ्या प्रमाणात नदी प्रदूषण होत आहे. वाकड गावठाण स्मशानभूमी जवळील जल: निस्सारण विभागाच्या पाच लक्ष लिटर क्षमतेच्या संपवेलमधून थेट मुळा नदी पात्रात सांडपाणी सोडले जात असल्याचा प्रकार समोर आला आहे.

नदी प्रदूषणाबाबत पिंपरी-चिंचवड महापालिका आणि महाराष्ट्र प्रदूषण नियंत्रण मंडळ गंभीर नसल्याचे समोर येते. तक्रारी करूनही कोणतीही सुधारणा या यंत्रणेकडून केली जात नाही. या संदर्भात स्वतः विद्यार्थी परिषदेचे अध्यक्ष सुर्यकांत सरवदे यांनी पर्यावरण मंत्री आदित्य ठाकरे, पर्यावरण प्रधान सचिव मनिषा म्हैसकर यांच्याकडे



की, वाकड गावठाण स्मशानभूमी जवळील जल: निस्सारण विभागाच्या अंतर्गत येणारे पाच दशलक्ष लिटर क्षमतेचे संपवेल स्थापन झाल्यापासून सांडपाण्यावर प्रक्रिया न करता सांडपाणी नदीपात्रात सोडले जाते.

त्यामुळे मोठ्या प्रमाणात नदी



प्रदूषण नियंत्रण महामंडळाच्या अधिका-यांना तातडीने संपवेलची पाहणी करण्यास पाठवावे. प्रत्यक्ष स्थळ पाहणी करून या वाढत्या नदीप्रदूषणास आळा घालावा. संबंधित यंत्रणेवर कारवाई करून नद्यांचे संवर्धन

नदीतील जीवसृष्टीला, नागरिकांच्या आरोग्यास धोका

वाकडमध्ये मुळा नदीत सोडण्यात येणाऱ्या सांडपाण्यामुळे प्रदूषण वाढले आहे. वाकड परिसरातील सांडपाणी प्रक्रियाविना नदीपात्रात सोडल्यामुळे नदीपात्रातील जीवसृष्टी धोक्यात आली आहे. तसेच, नागरिकांच्या आरोग्याला देखील धोका पोहोचविण्यास हा प्रकार कारणीभूत ठरत आहे. तसेच, नदीपात्रात सोडलेल्या पाण्याचा उग्र स्वरूपात वास येत आहे. शहरातील या प्रकारांची गंभीर दखल घेतली जावी, अशी अपेक्षा पर्यावरण मंत्री व पर्यावरण विभागाच्या प्रधान सचिव यांच्याकडे व्यक्त करण्यात आली आहे.

Dr. Babasaheb Chaudhari College,
Aundh, Pune-67.

PRINCIPAL

पुणे, रविवार,
३ जानेवारी २०२१

३

‘मुळा नदीतील प्रदूषण उपोषण करूनही थांबेना’

पिंपरी, ता. २ : वाकड गावठाण येथील पाच दशलक्ष लिटर क्षमतेच्या संपवेलमधून सांडपाणी प्रक्रियेविना थेट मुळा नदीपात्रात सोडण्यात येत आहे. याप्रकरणी चार दिवस उपोषण करूनही महापालिकेच्या पर्यावरण विभागाला जाग आलेली नाही. त्यामुळे नदीपात्रातील जिवसृष्टी आणि नागरिकांच्या जिवस धोका निर्माण झाला आहे, अशी तक्रार रक्त विद्यार्थी परिषदेचे अध्यक्ष सुर्यकांत सरवदे यांनी केली आहे. त्यांनी आता पर्यावरण मंत्री आदित्य ठाकरे यांच्याकडे दाद मागितली आहे. तसेच, पुन्हा आयुक्त श्रावण हर्दोकर यांच्याकडे तक्रार केली

सोडण्यात येत होते. याबाबत महाराष्ट्र प्रदूषण नियंत्रण मंडळाला वारंवार निदर्शनास आणून दिले आहे. नदीपात्रात सोडलेल्या पाण्याचा उग्र स्वरूपात वास येत आहे. यावर १०

वर्षापासून आवाज उठवत नाही. मंडळ व महापालिकेच्या अधिकाऱ्यांनी पुन्हा एकदा वाकड जलनिस्सारण विभागाच्या अंतर्गत येणाऱ्या संपवेलची पाहणी करावी.”



DNYANVILAS COLLEGE OF PHARMACY

Institute Managed by Shri Gajanan Maharaj Shikshan Prasarak Mandal

(Approved by PCI, DTE, Govt of Maharashtra & Affiliated to DBATU, MSBTE)

Gat No. 76, Dudulgaon, off. Alandi Moshi Road, PCMC, Pune

www.dvcop.com

9322299364, 9975456789

ADMISSION OPEN

Applications are invited for Institute level seats for First Year D. Pharma, B. Pharm.

PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.

True copy

K/O

Translation



Rayat Shikshan Sansta's

Dr. Babasaheb Ambedkar Mahavidyalaya

Aundh Pune 67

**PCMC set to destroy the River No action in spite of
Complaints**

Pimpri (dt.2) In spite of several complaints, the PCMC still releases the drainage water and sewage water into the river without treatment. Even Maharashtra Pollution Control board warned the PCMC to take proper action. Still the PCMC has not taken any action against the erring officers. The sewage treatment plants at wakad and Pimple Nilakh without treating the sewage water, release it into the rivers.

The Rayat Vidyarthi Parishad several times made protest agitation. The PCMC officers are not sensitive to the issue. The drainage system has totally collapsed and the PCMC officers only give evasive answers.

The Parishad blames that the administration of the PCMC are behind the insensitive and inactive officers.

Sanjay Kulkarni the chief of the Environment Department only gave evasive answers to the Vidyarthi Parishad.

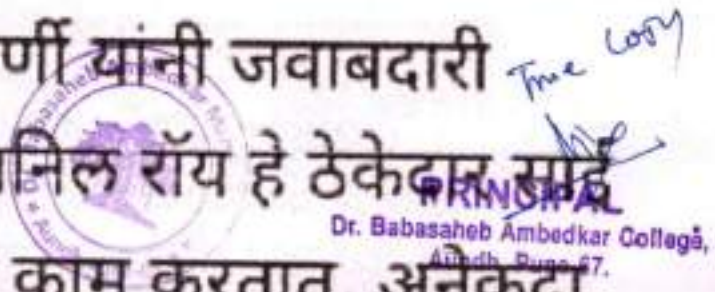

PRINCIPAL
Dr. Babasaheb Ambedkar College,
Aundh, Pune-67.



पिंपरी- पुणे व पिंपरी-चिंचवड महापालिकेच्या हद्दीत वाहणाऱ्या मुळा, मुठा व इंद्रायणी नदीत मोठ्या प्रमाणात जलपर्णी साठली आहे. ही जलपर्णी काढण्यासाठी महापालिका प्रशासनाकडून करोडो रुपयाची तरतूद करण्यात येते. मात्र, जलपर्णी काढण्याबाबत महापालिका प्रशासनाकडून चालढकल केली जात आहे. यामुळे सोमवारी (दि. 12) रयत विद्यार्थी परिषदेच्या सदस्यांनी पिंपळे निलख येथील डॉ. बाबासाहेब आंबेडकर पुलाखालील जलपर्णी काढली. ही जलपर्णी पर्यावरण मंत्री आदित्य ठाकरे, पुणे व पिंपरी-चिंचवड महापालिका आयुक्तांना गुढीपाडव्या निमित्ताने भेट देणास असल्याचे रयत विद्यार्थी परिषदेच्या सदस्यांनी सांगितले.

जलपर्णी काढण्याबाबत अनेकदा रयत विद्यार्थी परिषदेच्या सदस्यांनी महापालिका प्रशासनास निवेदने दिली.

मात्र, याबाबत आरोग्य अधिकारी अनिल रॉय व पर्यावरण विभाग अभियंता संजय कुलकर्णी यांनी जवाबदारी ढकलण्याचा काम केले. तर, अनिल रॉय हे ठेकेदार साई प्राइड यांना पाठीशी घालण्याचे काम करतात. अनेकदा



श्वासनानंतर 'रयत'चे उपोषण म



ता. २३ :

पिंपळे निलख शुद्धीकरण केंद्रातून सांडपाणी नदीपात्रात रेत आहे. याबाबत लिका प्रशासनाच्या गणून देऊनही दुर्लक्ष आहे, याच्या निषेधार्थ परिषदेचे सलग तीन भरपावसात आंदोलन घ्यायाने, आयुक्तांनी या कारवाईचे आश्वासन कार्यकर्त्यांनी शुक्रवारी आंदोलन मागे घेतले.

केसमोर

या होत्या मागण्या

- पिंपळे निलख येथील जलशुद्धीकरण केंद्र महापालिकेने चालवावे
- दोषींवर फौजदारी गुन्हे दाखल करावेत
- ठेकेदारास काळ्या यादीत टाकण्यात यावे
- बायपासची लाइन पूर्णपणे उखडून टाकावी
- पर्यावरण विभागाचे अभियंता संजय कुलकर्णी यांना निलंबित करावे

मंगळवारपासून (ता. २०) सलग तीन दिवस रयत विद्यार्थी परिषदेच्या ऋषिकेश कानवटे आणि राजू काळे यांनी लाक्षणिक उपोषणास सुरुवात केली. आज आंदोलनाचा चौथा दिवस होता. त्यांची वायसीएममध्ये

वैद्यकीय तपासणीदेखील करण्यात आली. दरम्यान, या तीन दिवसांत उपोषणकर्त्यांना विविध मार्गांनी आंदोलन मागे घेण्यासाठी दबाव टाकण्यात आला होता. परिषदांनीही जबरदस्तीने उपोषण मागे घ्यायला

लावायलाचे सांगितले. याबाबत व्हायरल झाला ह प्रशासनाला दखल घ्या आंदोलनकर्ते सु म्हणाले, "महापालि श्रावण हर्डीकर, स अध्यक्ष संतोष लोंढे निलख येथील मैल केंद्राबाबत योग्य त करण्यात येईल, असे दिले आहेत. त्यामुळे मागे घेतले आहे. पाच परिस्थिती 'जैसे थे' रा एकदा आंदोलन छेडण



PRINCIPAL

Dr. Babasaheb Ambedkar College,
Aundh, Pune-47

युवकांचे भरपावसात पालिकेसमोर आंदोलन

कमल न्यूज नेटवर्क

परी : शहरात बुधवारी सायंकाळी वळधार पाऊस कोसळत होता. त्या प्रसंगे सर्वांचीच तारांबळदेखील गेली. पण या भरपावसात ते दोन जण महापालिकेच्या इमारतीसमोर येऊन भिजत बसून राहिले. खरं तर प्रसंगे भिजून त्यांना कुठलीही सभा जवळची नव्हती तर त्यांचे प्रश्न खूप धे, सरळ आणि समाजहिताचे होते. तद्रूपणाच्या मुद्द्यावर दोन प्रसंगांसून आंदोलन छेडणाऱ्या दोन युवकांचा व्हिडिओ व्हायरल होत आहे.



पिंपरी-चिंचवड महापालिकेसमोर आंदोलन करताना विद्यार्थी.

त्या सोशल मीडियावर चर्चेचा विषय ठरलेल्या युवकांची नावे आहेत. पिंपरी-चिंचवड महापालिकेच्या मुख्य इमारतीसमोर रयत विद्यार्थी परिषदेच्या तरुणांनी पिंपळे निलख येथील जलशुद्धीकरण केंद्र पूर्ण ठेकेदाराला

पिंपळे निलख येथील मैलाशुद्धीकरण केंद्राने देखभाल दुरुस्तीच्या नावाखाली कोणतीही प्रक्रिया न व सांडपाणी नदीपात्रात सोडले होते परंतु, देखभाल दुरुस्तीसाठी ठेकेदाराला पालिकेने कोणत्याही अधिकृत परवानगी दिलेली नव्हत तीरीदेखील ७ ऑगस्ट ते ८ ऑक्टोबर कालावधीत सांडपाण्या कोणत्याही प्रकारची प्रक्रिया न क ते वायपासद्वारे नदीपात्रात सोडले

भाडेतत्वावर न देता पालिका चालवावा यासह विविध मागण्यां बेमुदत उपोषण सुरू केले आहे.

