



Khandala Vibhag Shikshan Samiti's

SUSHILA SHANKARRAO GADHAVE
MAHAVIDYALAYA, KHANDALA
(Arts, Commerce & Science) (Permanently NonGranted)

Tal. Khandala, Dist. Satara, Pin - 412802

(AFFILIATED TO SHIVAJI UNIVERSITY, KOLHAPUR)

महाराष्ट्र शासन उच्च व तंत्र शिक्षण विभाग यांचे आदेश क्र. एनजीसी २००७/(१८९/०७)/माशि-३
मंत्रालय विस्तार भवन, मुंबई - ३२ दिनांक २ जुलै २००७ नुसार मान्यता

Ph : (02169) 252112,

Email : rmkhandala@yahoo.in

www.ssgmkhandala.org

जा. क्रमांक :

दिनांक :

CRITERION –VII

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 Institutional Values And Social Responsibilities



Khandala Vibhag Shikshan Samiti's

Sushila Shankarrao Gadhave Mahavidyalaya Khandala

Criterion – VII

INSTITUTIONAL VALUES AND BEST PRACTICES

Key Indicator -7.1 Institutional Values And Social Responsibilities

7.1.2 The Institution has Facilities and Initiatives For

Index

Sr.no	Particulars
1	Management of the various types of degradable and non degradable waste
2	Water Conservation
3	Green Campus Initiatives
4	Disabled – Friendly , barrier free environment



A handwritten signature in blue ink, appearing to be "Sushila".

Principal

Sushila Shankarrao Gadhave Mahavidyalaya
Khandala, Tal. Khandala, Dist. Satara



7.1.2 The Institution has Facilities and initiatives for:

Introduction :-

Sushila Shankarrao Gadhave Mahavidyalaya , Khandala has implemented the policy for disabled students which provides equal opportunities and full participation in the academic environment.

Objectives :

- To enrich campus with necessary physical facilities to the disabled students.
- To provide human resource to the students with disability to reach the classroom and laboratories
- To provide necessary learning resources to the visually impaired persons.

1) Management of the various types of degradable and non degradable waste: police statement on waste management .

Introduction :

Waste management group is formed in the college. This group doesn't allow improperly stored things .College creates healthy atmosphere and looks after safety of the students . The process of collecting and disposing of waste is called waste management after the waste is collected and taken to the right place. Processes like reuse and recycling.

Sushila Shankarrao Gadhave Mahavidyalaya Khandala has deep concern to protect health and well being through implementation of effective waste management practices such as recycling. It is segregated and disposed to the Nagarpanchayat Sanitary Department .

Objective:

- Proper management practices help minimize the garbage and scraps that needs handing .
- To reduce the dangerous effect of such waster on the environment and human health .
- To minimize the use of land to fill for solid waste disposal



- To ensure the protection of the environment through an effective waste management system
- To increase recycling and reuse in daily life.

- **Waste management policy:**
 - a) **Degradable waste management :-**
 - 1) Use of dustbin the campus for waste segregation
 - 2) Digitization of office procedure through electronic means via whatsapp group, e mail, google classroom thus reducing paper-based waste.
 - 3) The degradable waste should be processed to treated and dispos off the premises as for as possible.
 - b) **Non-Degradable waste management :**
 - 1) Non- degradable waste has to be segregated and sold to authorized vendors for its recycling.
 - 2) Waste like plastic, rubber, metals, glass, news papers and stationary are to be systematically collected.
 - 3) The prohibits identified single use plastic items which have low utility and high littering potential.

Management of various types of degradable and non-degradable wastes.

Sr. No.	Facilities in institution for management of de-gradable & non- degradable waste
1	Solid waste, degradable and non- degradable waste
2	Biomedical waste management

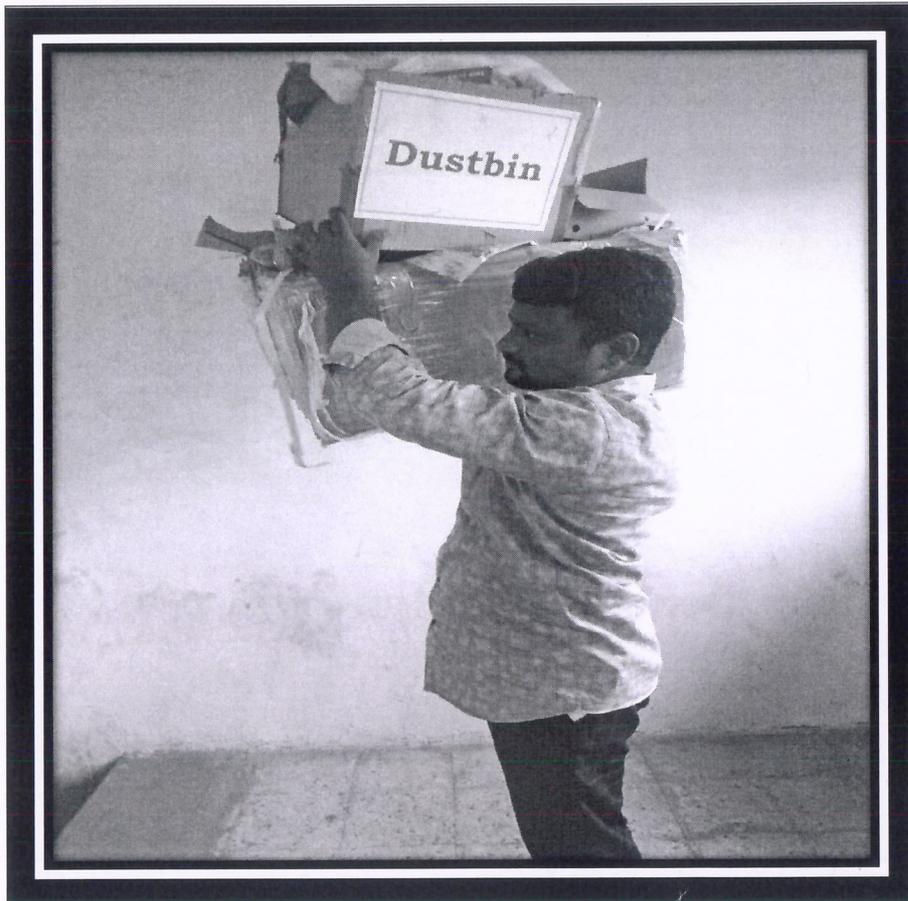
For the management of degradable and non- degradable waste in the college to reduce adverse impact on human health and environment and for the management of degradable and non- degradable waste several facilities are available.

The solid waste is collected in pits regularly and destroyed periodically. Different dustbins are used for different waste like solid and biomedical etc.

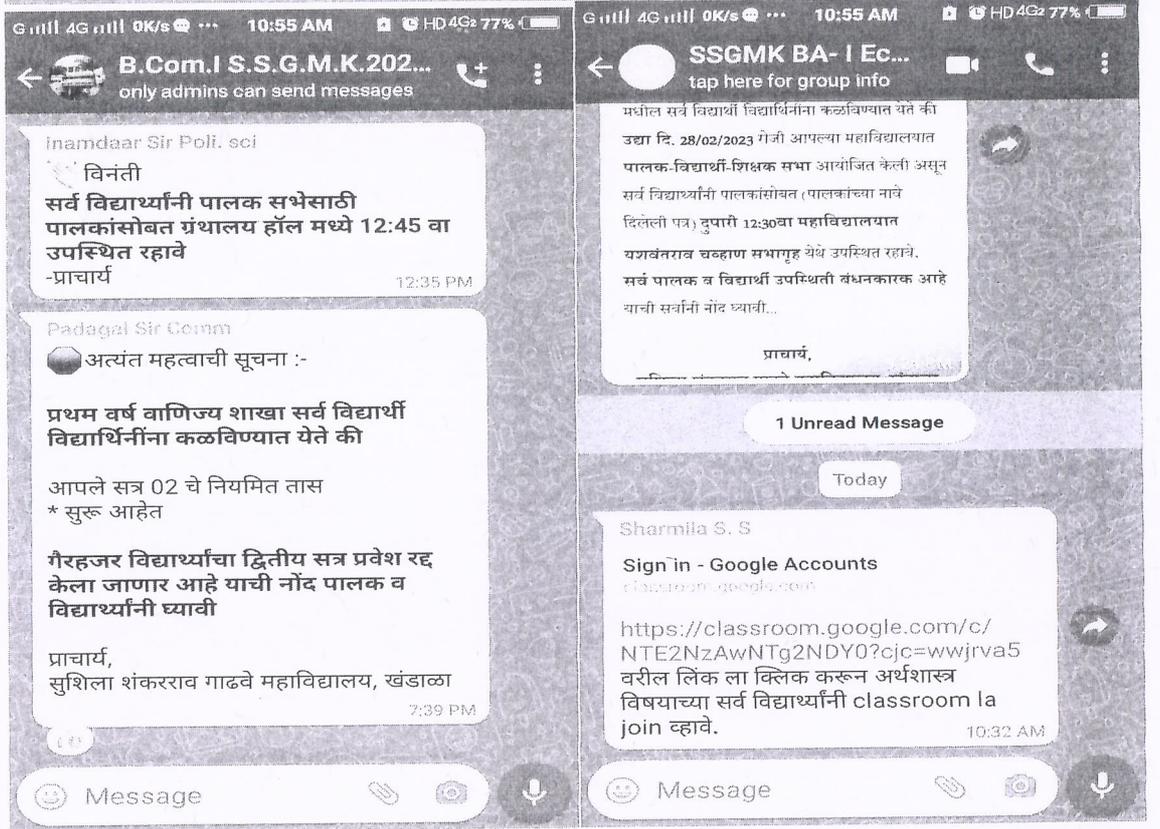
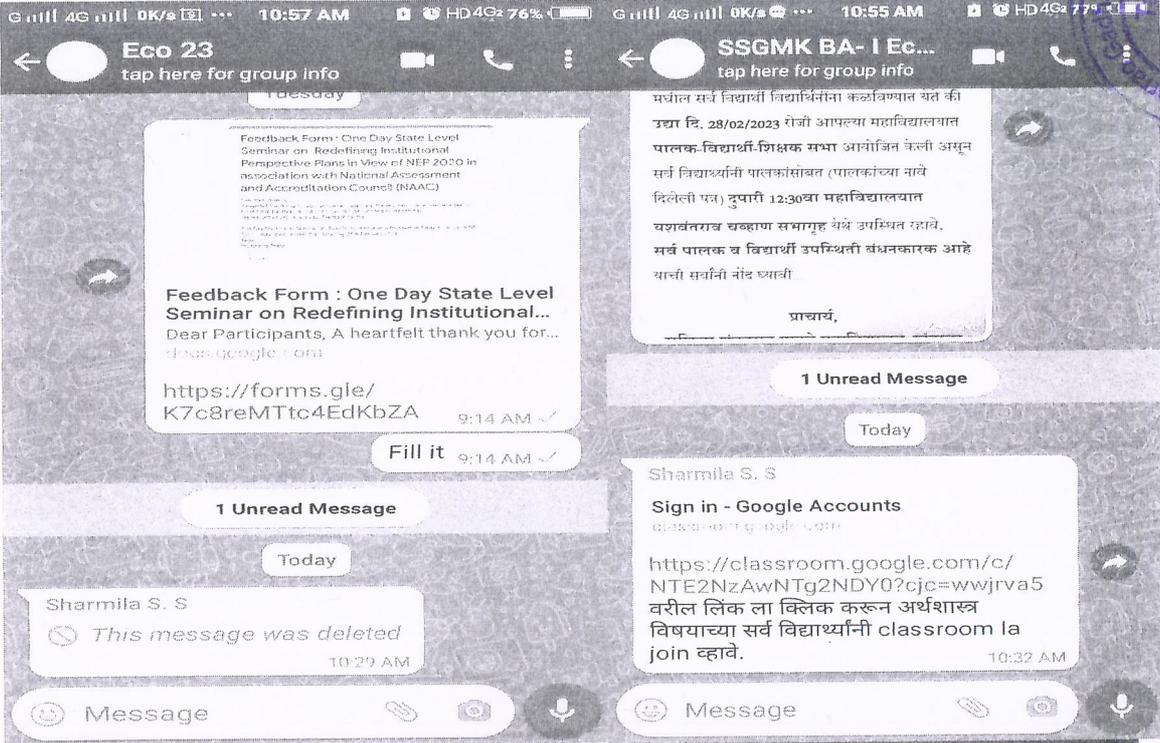
- The waste water which is discharged through washrooms and Toilets are connected to corporation drainage system through underground pipelines.



- For solid waste management different bins have been placed in campus and in different departments. The waste material is collected in dustbins and dumped in nagarpanchayat vehical.
- The waste generated through newspapers is sold to scrap uenders for recycling .
- Hazardous gases are managed to pass through exhaust fans installed in laboratories.
- Waste chemicals in laboratories are properly disposed off.

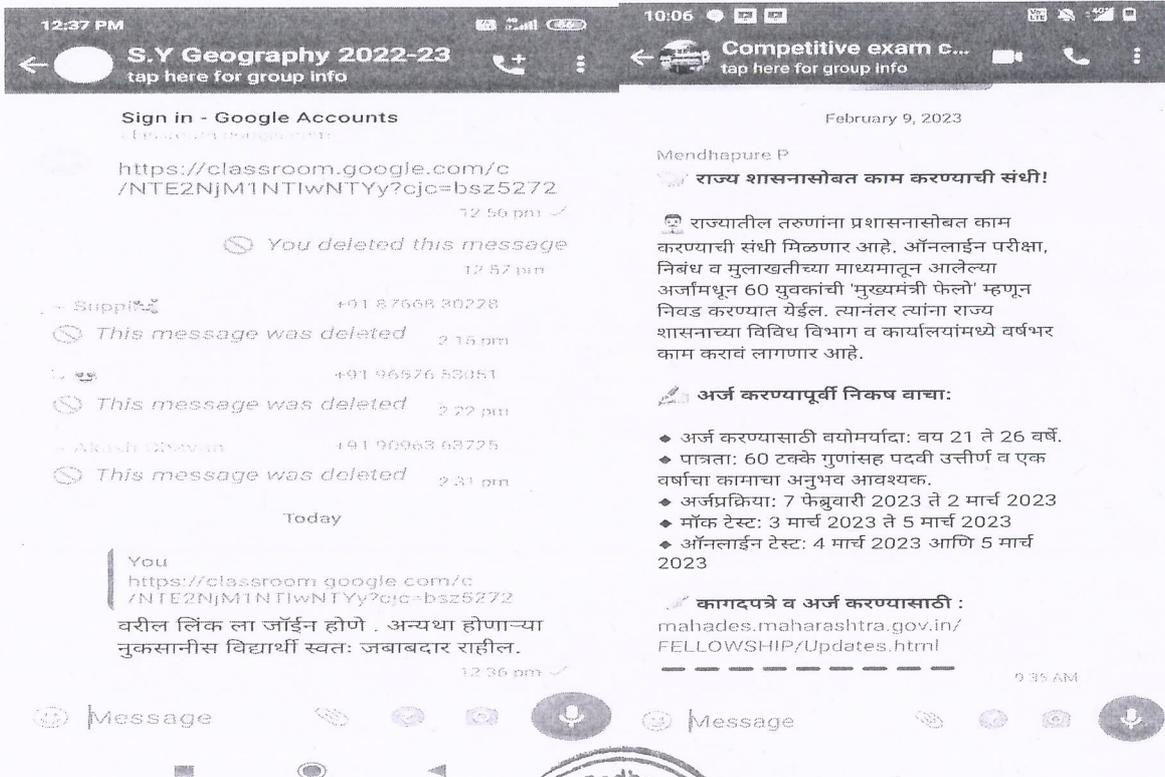
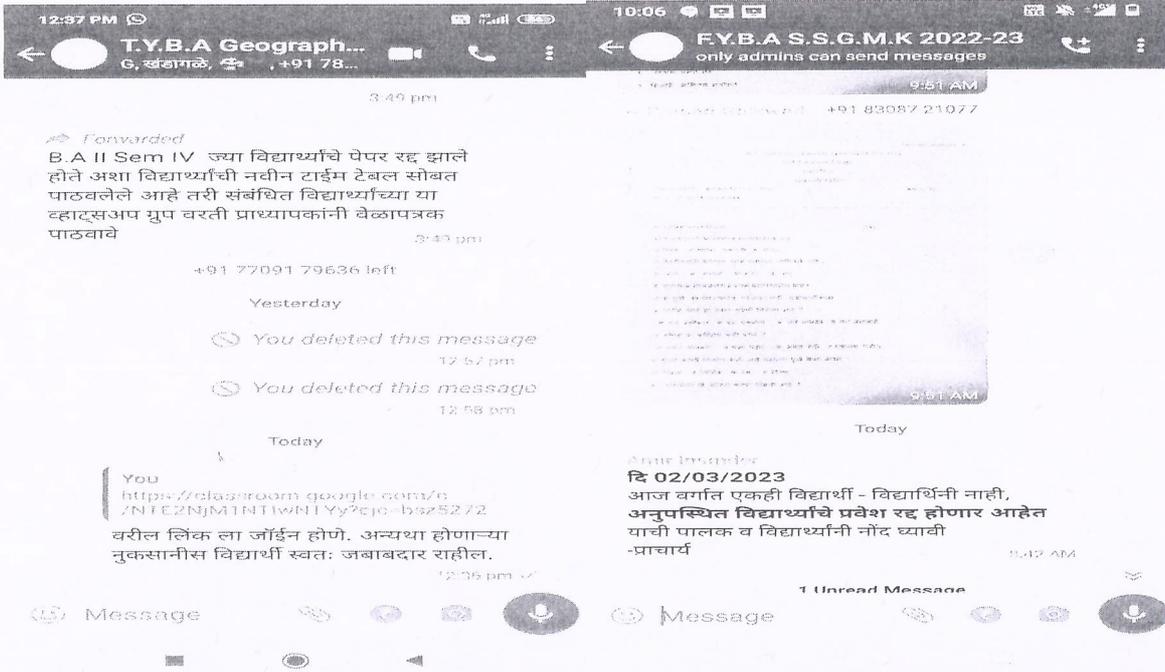


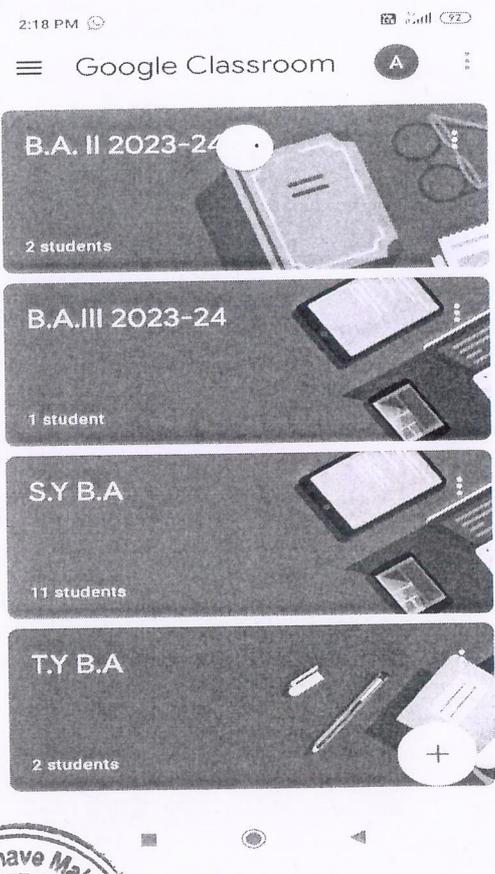
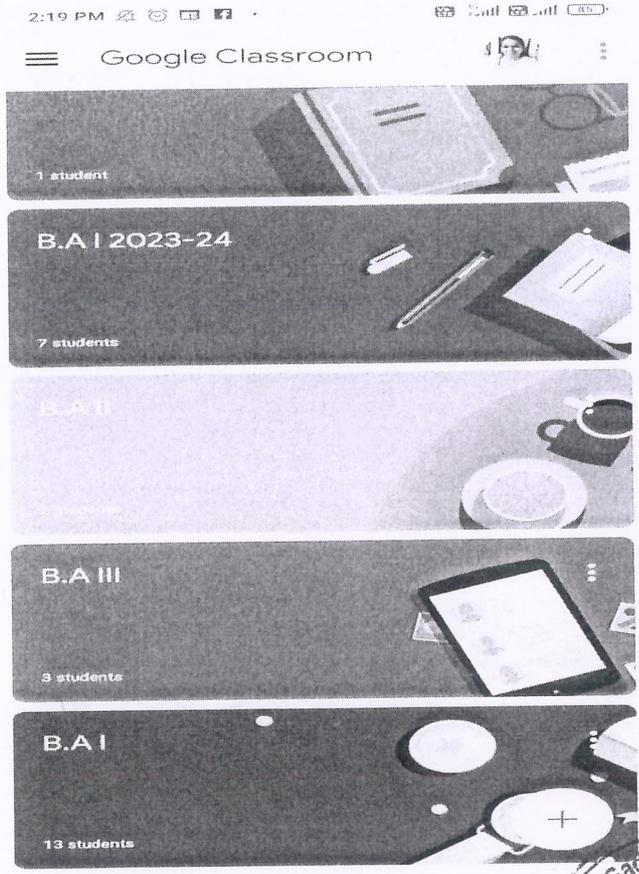
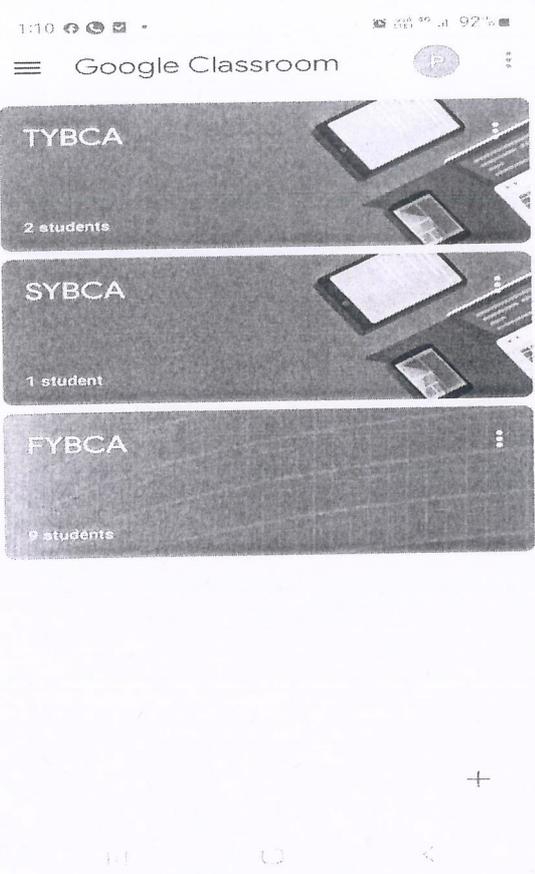
Eco-Friendly Dustbin



Use of Electronic media Through
Whats app group

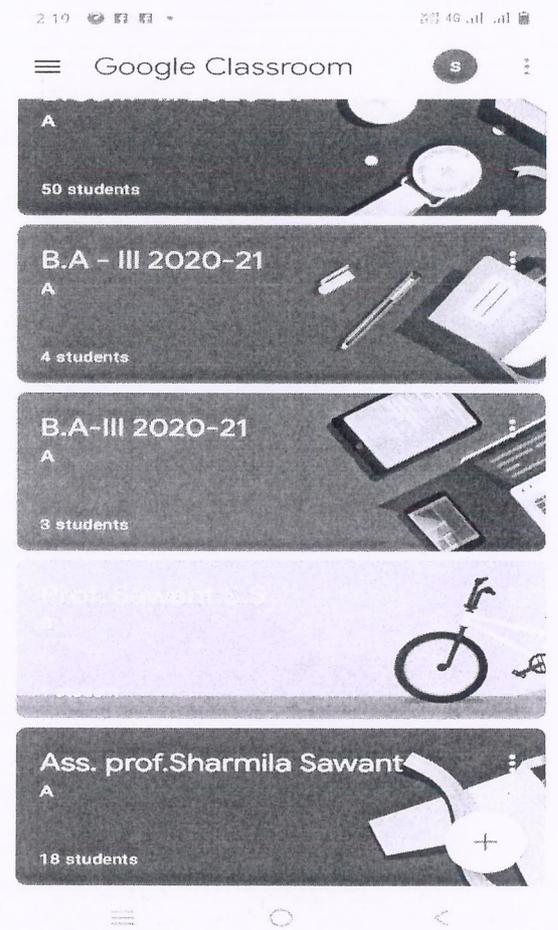
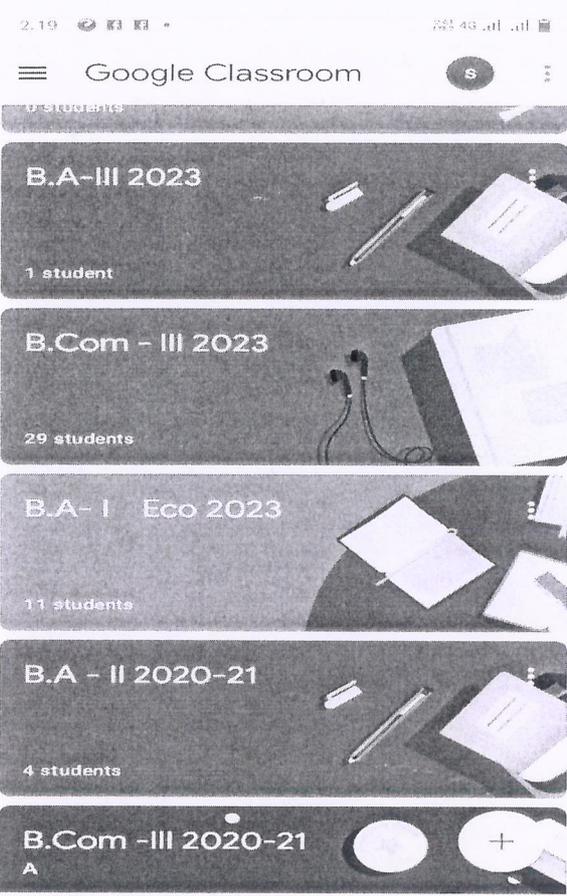
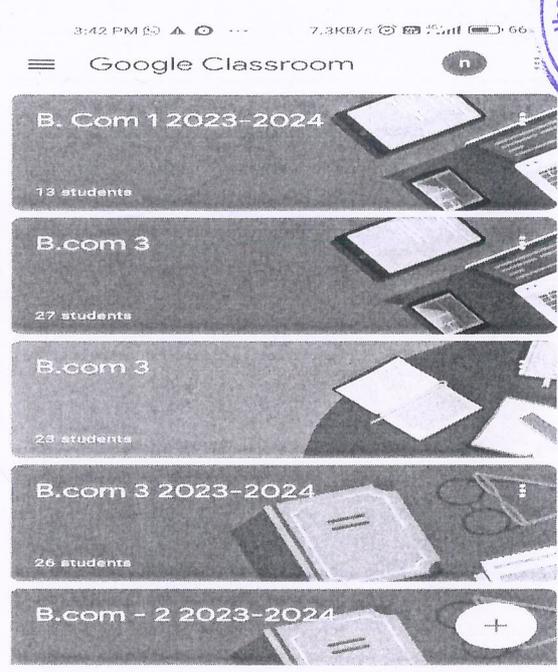
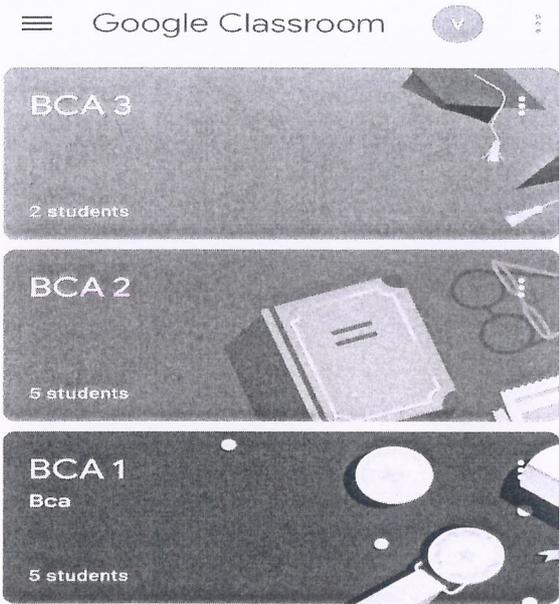


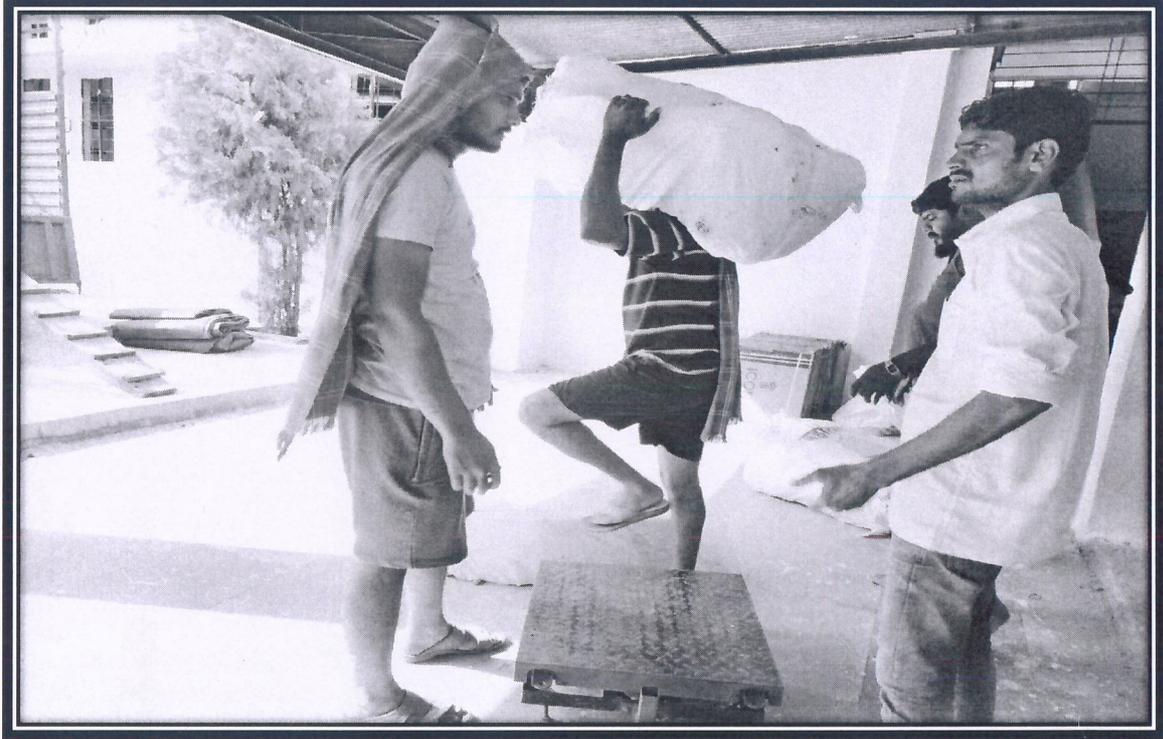




use of Electronic media
Through google Classroom





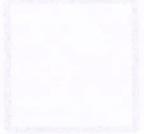
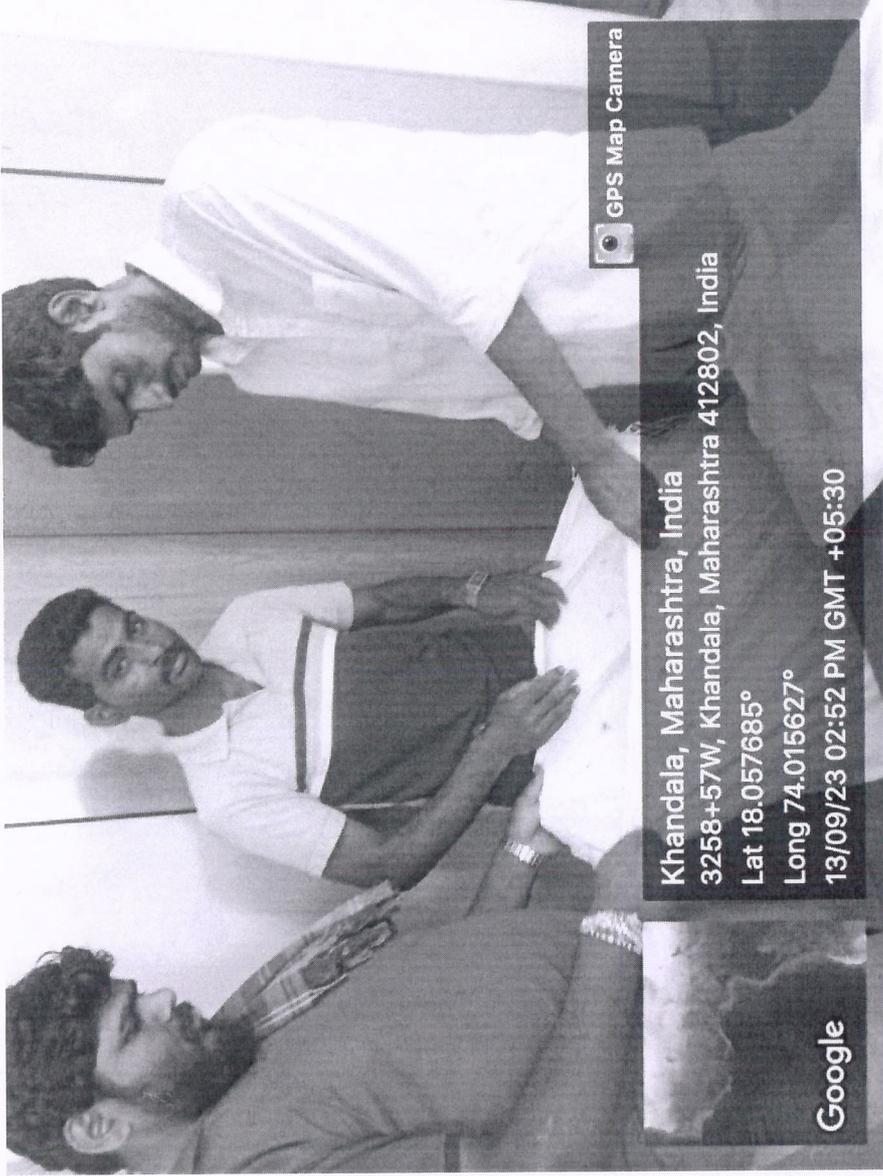


Waste Paper Sold to Scrap



Pawar

today at 2:40 PM





Khandala Vibhag Shikshan Samiti's
SUSHILA SHANKARRAO GADHAVE
MAHAVIDYALAYA, KHANDALA

GENERAL RECEIPT

No. **9802**

Date: - **14/9/23**

Received From
 Shri/Miss. **Nilesh Traders**

Class **Kolhapur** Adm. No. : **—**

being the cost as detailed below :

No.	Details of Fees	Rs.	Ps.
1.	Identity Card / Form / Demand Slip		
2.	Bonafied / T. C. / L. C.		
3.	SAF. / D.F. Fee Amount		
4.	Books 102235 X 14 Rs.	14,312	90
5.	True Copy		
6.	Answer paper 1414.26 X 20 Rs.	28,285	20
7.	Breakage		
8.	Newspaper 129.10 X 18 Rs.	2,323	80
9.	Form Fee		
10.	Other 23.6 X 12 Rs.	283	20
11.	Assignment		
12.	Journal 15 Rs.		
13.	Short term Course		
14.	Other 377.05 X 12 Rs.	4,534	20
15.	Other 684.04 X 15 Rs.	10,260	60
Total		60,000	—

(In Words Rs. **sixty thousand only**)

HR
 (Receiving Clerk Signature)



Reuse Paper Box



स्थापना :- १८/०७/१९५२

☎ : 252219

Ellabration :- 18

GRAMPANCHYAT KHANDALA

Tal. Khandala, Dist.: Satara. Pin - 41

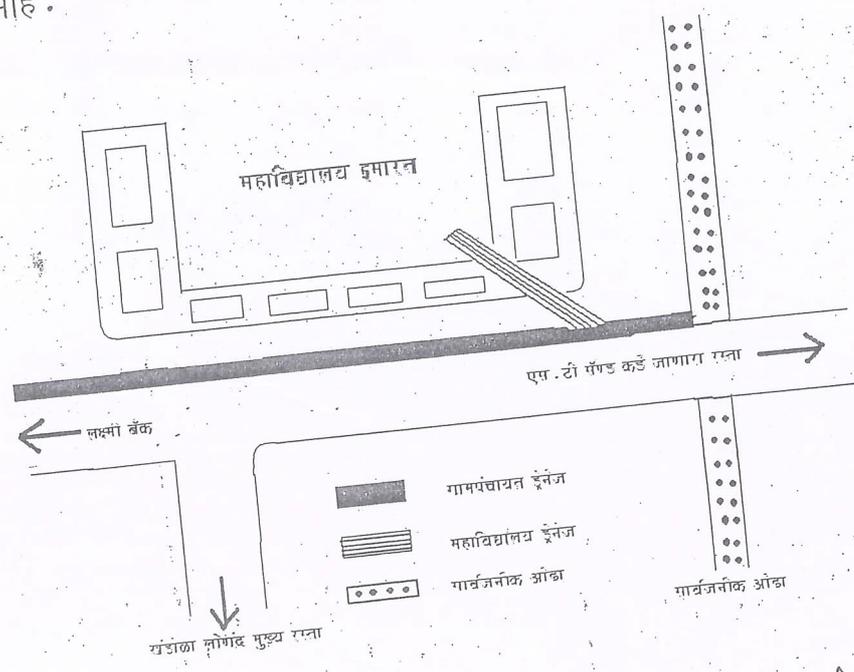


जावक नंबर :

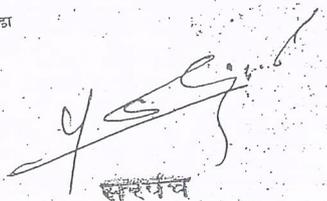
दिनांक : २४ / १० / २०१३

प्रमाणपत्र

प्रमाणपत्र देण्यात येते की, राजेंद्र महाविद्यालय, खंडाळा हे खंडाळा ग्रामपंचायतीच्या कार्यक्षेत्रात सन २००७ - २००८ पासून उच्च शिक्षणाचे काम करीत आहे. या महाविद्यालयात संस्थेची ड्रेनेजची सुविधा उपलब्ध असून सार्वजनिक ड्रेनेजची सुविधा ग्रामपंचायतीची असून त्याचा नकाशा खालील प्रमाणे आहे.




ग्रामसेवक
ग्रामपंचायत खंडाळा
ता. खंडाळा, जि. सातारा


क्षेत्रपंच
ग्रामपंचायत खंडाळा
ता. खंडाळा, जि. सातारा



WASTE WATER MANAGEMENT



Waste Water Drainage System



2) Water Conservation :

Introduction :

Water conservation and management in compass the policies, strategies and activities made to manage water as a sustainable resource to protect the water environment and to meet current and future human need. Water is an important natural resource and a basic human need .The college has taken an initiative to focus on drinking water sanitation.

Policies :

- 1) Water storage tanks are made available to each building with float valves.
- 2) There is a dedicated manpower for supply of fresh water and garden use.
- 3) Effective monitoring of water supply and instant repairing of water leakages and control on overflow .
- 4) Water filter for drinking water and water cooler are used to facilitate safe and clean drinking water as well as to reduce water wastage.

Objectives:

- 1) The protection of a natural water body or its aquatic environment or any part of them.
- 2) To research the quantity and quality of water.
- 3) Preservation of the generation of resources for the future.
- 4) minimum amount of depletion the resource.
- 5) To reduce water consumption using proper disposal of waste water.
- 6) To use drip irrigation to avoid excess use of water in maintaining green campus.
- 7) To monitor water utilization properly reserved in storage tanks .
- 8) To use human resource control over water supply and water used for gardening.

Water Conservation

Sr. No.	Water Conservation Facilities in Institute
1	Bore well / open well recharge
2	Construction of tanks and bunds
3	Maintenance of water bodies and distribution system in campus.



☎ : (02969) 242206/242909

खंडाळा विभाग शिक्षण समिती खंडाळा

पो. खंडाळा (बावडा), ता. खंडाळा, जि. सातारा (महाराष्ट्र राज्य) ४१२८०२.
मुंबई पब्लिक ट्रस्ट अॅक्ट १९५० रजि. नं. एफ् ५६६/सातारा
सोसायटी रजि. अॅक्ट १८६० क्रमांक महाराष्ट्र/६००/सातारा

Date - 4/3/2008

To,

The Principal,

Rajendra Mahavidyalaya khandala

Tal. Khandala Dist. Satara

Sub. :- Regarding Utilization of well water, Bore well water,
Water tank.....

Ref. :- Resolution at meeting Dated..

Sir,

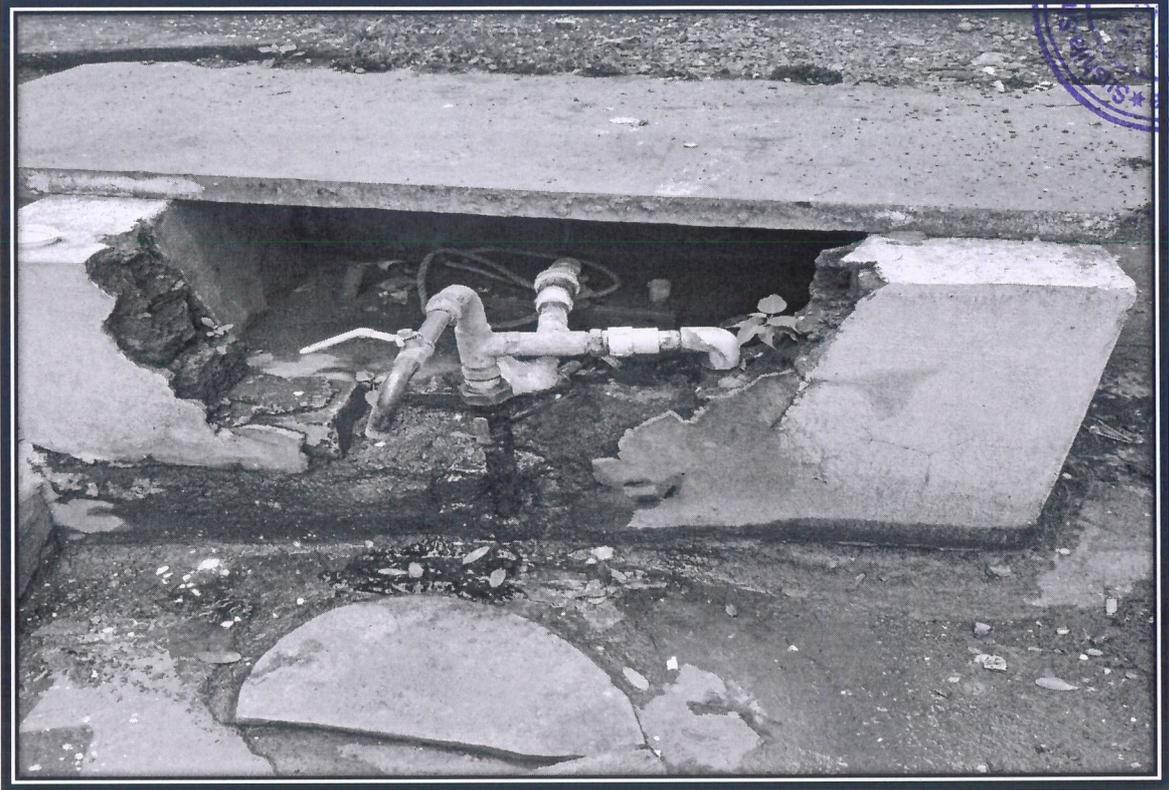
With reference to above mentioned subject, khandala vibhag shikshan samitis khandala is granting permission for utilization of water resources via pipe line.



Gadh
Secretary
Khandala Vibhag Shikshan Samiti,
Khandala, Tal. Khandala, Dist. Satara.



Open Well Recharge



BOREWELL



Switch Board



Water Storage Tank



Water Filter for Drinking Water



TAX INVOICE

SANGAM AGENCIES (16-17) 554, Budhwar Peth, Pune - 411002 Phone No: 02024456427 E-Mail : sangam@sangamrefrigeration.com	Invoice No. 0480	Dated 13-Jul-2016			
	Delivery Note	Mode/Terms of Payment			
	Supplier's Ref. 0480	Other Reference(s)			
Consignee Kendrapramukh Va Kendrasanyojak Y C Mah Open University Study Center Khandala (Pargaon)	Buyer's Order No.	Dated			
	Despatch Document No.	Delivery Note Date			
	Despatched through	Destination			
Buyer (if other than consignee) Kendrapramukh Va Kendrasanyojak Y C Mah Open University Study Center Khandala (Pargaon)	Terms of Delivery				
SI No.	Description of Goods	Quantity	Rate	per	Amount
1	Blue Star Make Water Cooler Cum Purifier (SWCSDLX680) Model:SWCSDLX680UVA	1 no.	54,666.66	no.	54,666.66



3) Green Campus Initiatives :

Introduction :

A Green Campus is a place where environmental friendly practices and education combine to promote sustainable and eco-friendly practices in the campus . It improves energy efficiency, conserving resources and enhancing environmental quality by educating for sustainability and creating healthy, living and learning environments it works on lowering their impact in damaging the atmosphere by offering sustainable dormitories.

Khandala Vibhag Shikshan Samit's Sushila Shankarrao Gadhave Mahavidyalaya Khandala is committed to take leading role and create its own identity in the protection and conservation of environment.

Objectives of the Policy:

- To involve students, Faculty and stakeholders in the green practices of the college.
- To adopt practices to turn the campus into the green eco friendly.
- To make the campus plastic free.
- To conduct environmental and energy audits from time to time.
- Continuous improve the efficient use of all resources including energy and water and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.

The Scope of the Policy :

Sushila Shankarrao Gadhave Mahavidyalay is situated in Khandala .The clean and green campus policies will incorporate co- curricular and extracurricular practices that will encourage the students to take lead in creating positive change.

The focus areas are as follows :

- Waste management Process
- Ban to use of plastic
- Green Audit
- No Smoking, No Tobacco in Campus
- Restricted entry of automobiles in campus
- Clean and Green campus initiatives like tree plantation activities.
- Green landscaping with trees and plants



- Bicycles
- Energy Audit

The Practice:

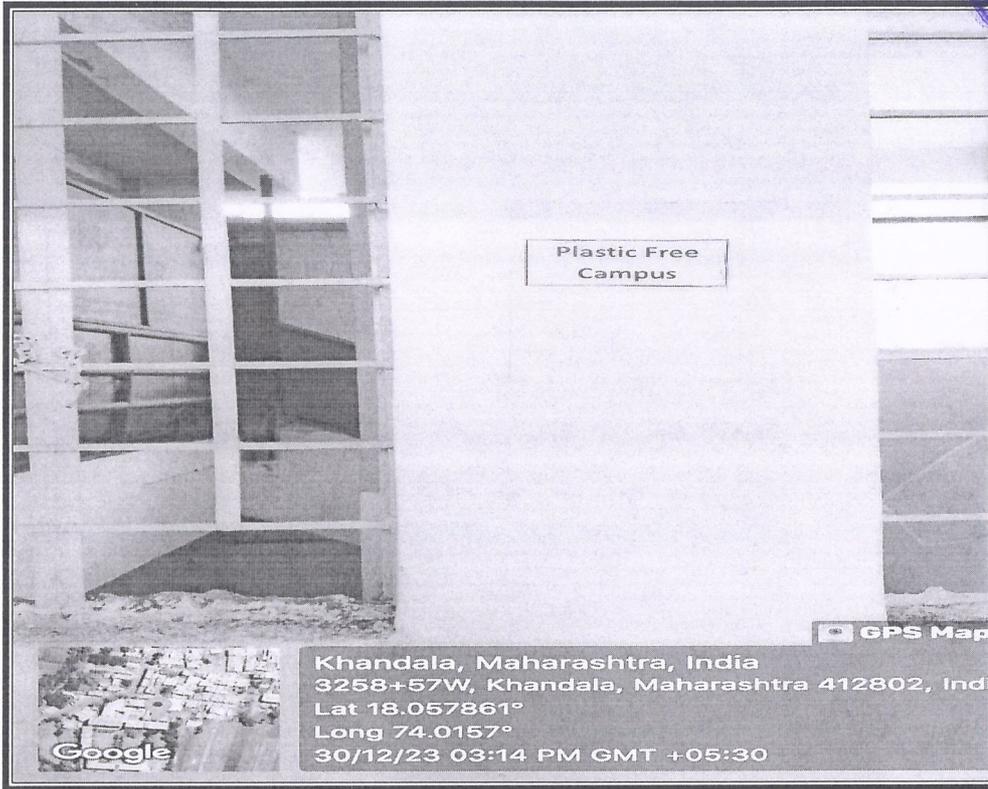
Thus in view of the policy the concerned committee will plan of execute to :

- Organize awareness programmes for the student faculty and Society.
- Conduct of an annual Green environment and energy audit
- Turn off unnecessary light and use daylight instead
- Keep lights off in classrooms, lecture halls, labs when they are not use.
- Plan to save energy at the institute
- Phase out conventional light sources and get them replaced by the led bulbs.

Green Campus initiatives

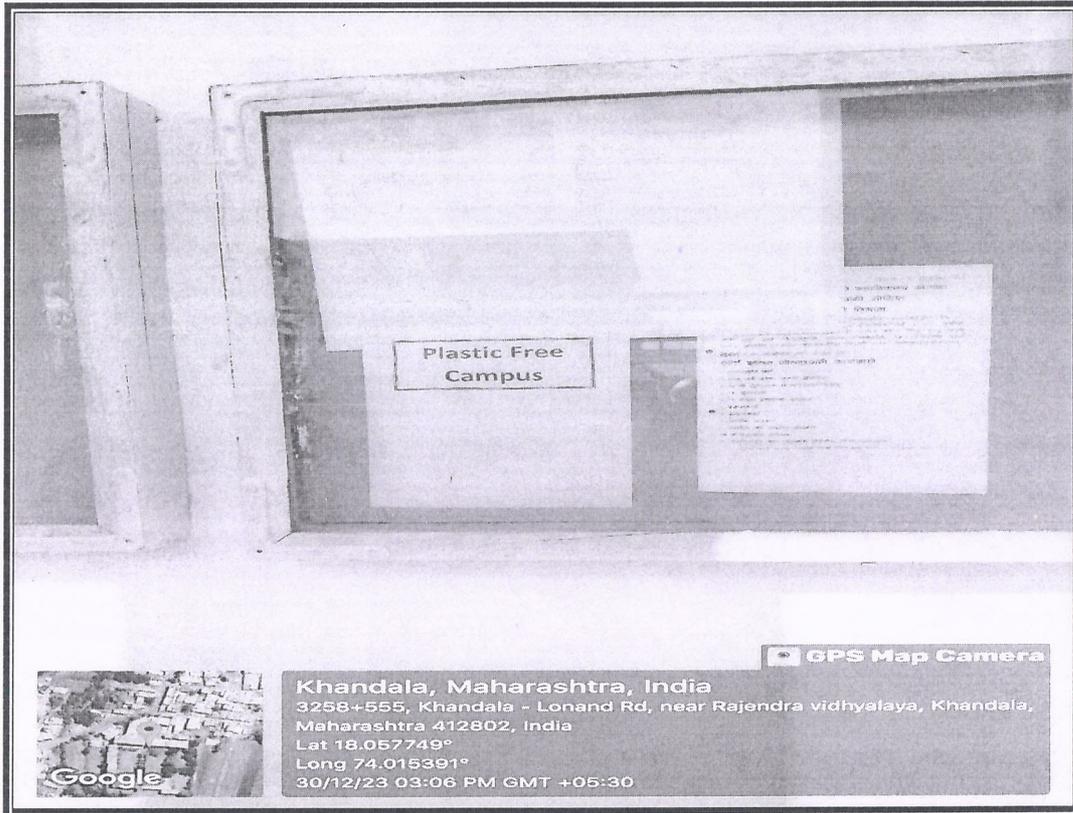
Sr. No.	Green Campus initiatives	Location
1	Ban of use of plastic	Display of boards in campus and use of dustbin
2	Restricted entry of automobile	Display of boards at entrance
3	Use of bicycle	Separate parking is available in campus
4	Pedestrian Friendly pathway	Available in entire college campus

- Dustbins are placed at appropriate places use of plastic bags is banned in the campus. Campus is plastic and tobacco free.
- Students vehicles are allowed only upto the designated parking area.
- Vehicles must be parked only in allotted slots. Entry beyond that points is strictly prohibited.
- Posters and arrows are made available in all relevant locations.
- For the friendly Environment and prevents pollution the most students are used public transport and bicycles to to join college.
- Vehicle parking space is provided at the main entrance of the college campus.



Google

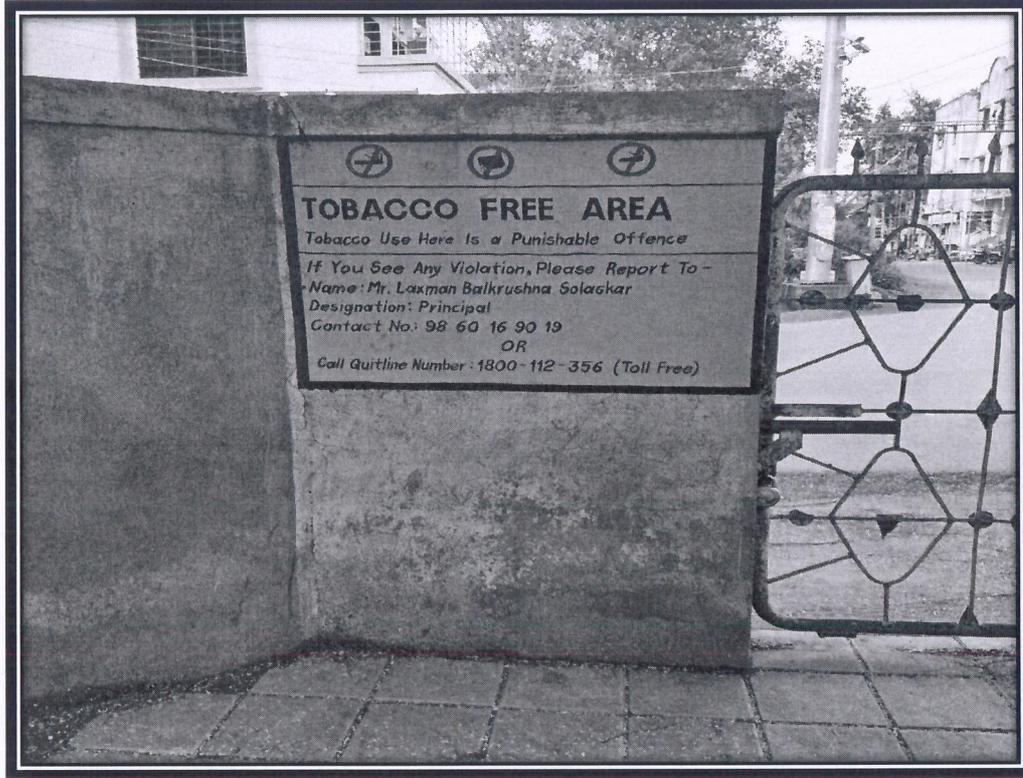
Khandala, Maharashtra, India
3258+57W, Khandala, Maharashtra 412802, India
Lat 18.057861°
Long 74.0157°
30/12/23 03:14 PM GMT +05:30



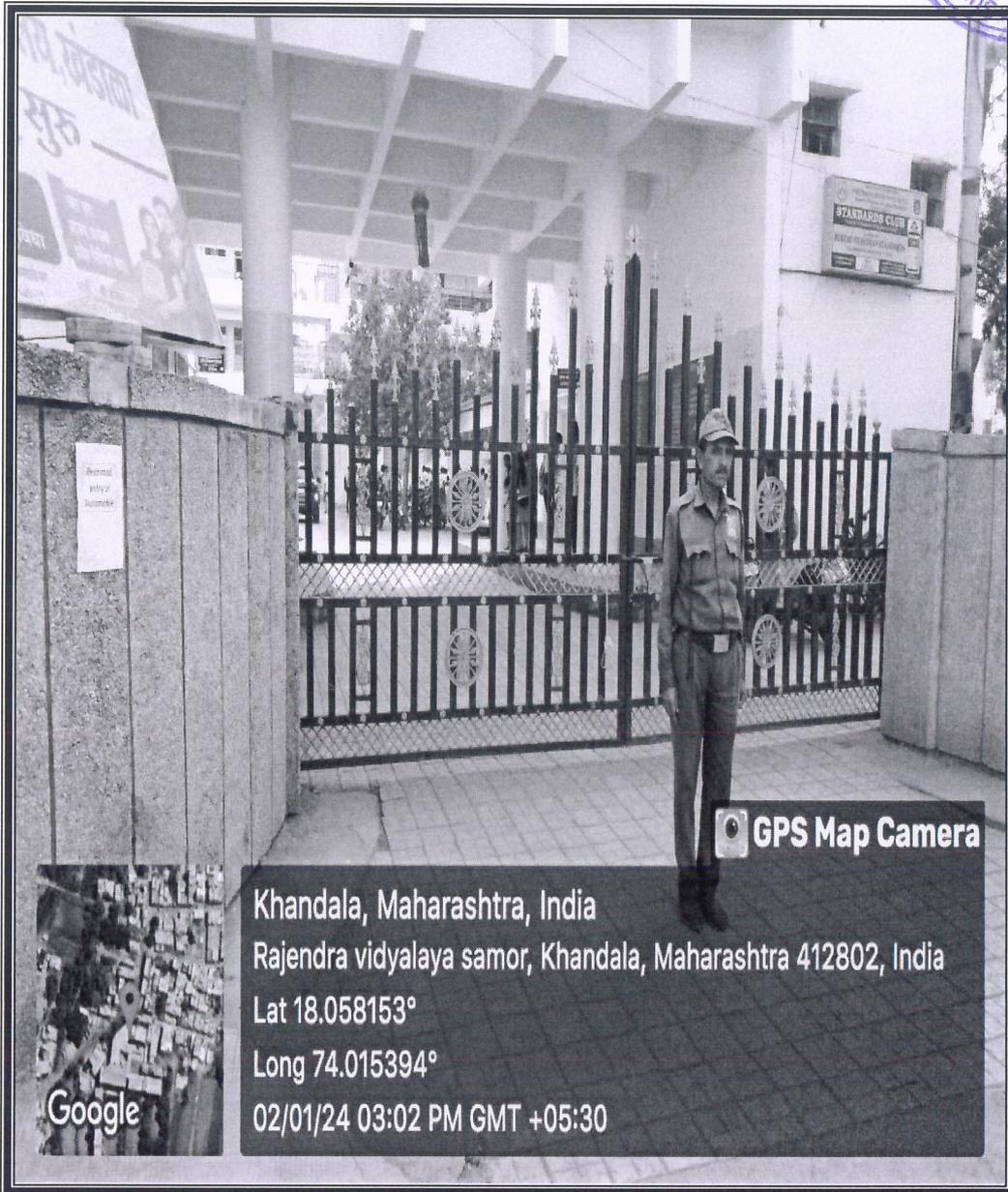
Google

Khandala, Maharashtra, India
3258+555, Khandala - Lonand Rd, near Rajendra vidhyalaya, Khandala,
Maharashtra 412802, India
Lat 18.057749°
Long 74.015391°
30/12/23 03:06 PM GMT +05:30

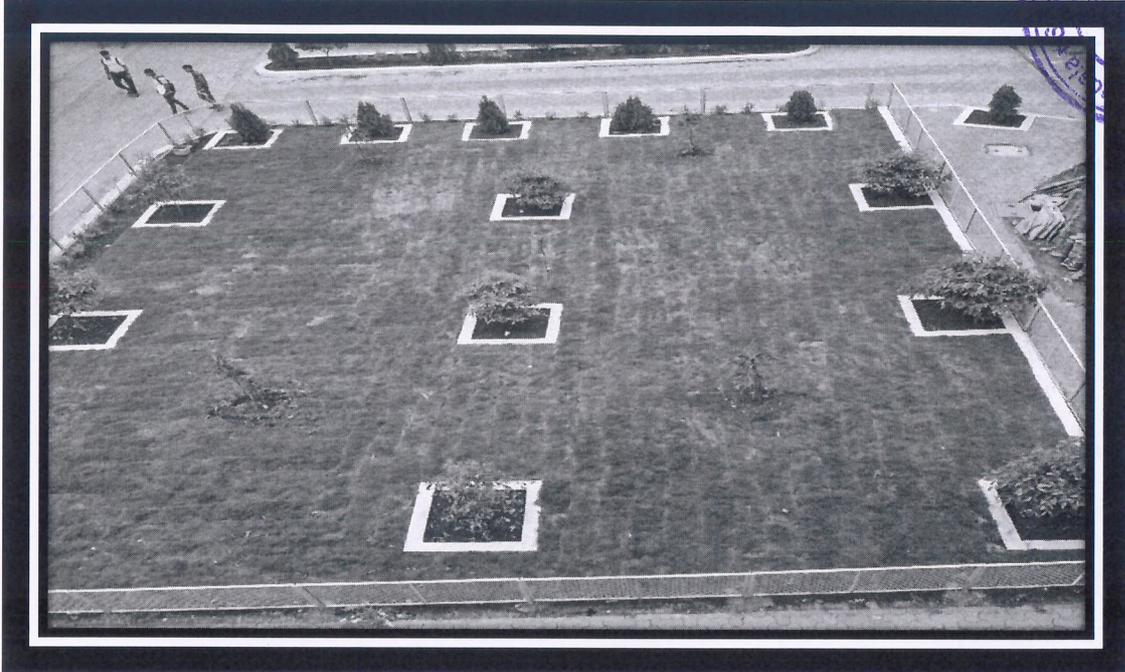
Plastic Free Campus



No Tobacco in Campus



**Restricted Entry of Automobiles In
Campus**



Sprinkler & Drip Irrigation for Green Campus



USE OF BICYCLE



Pedestrian Friendly Pathway



ENERGY AUDIT REPORT

December 2022

Prepared for

Khandala Vibhag Shikshan Samiti's

Sushila Shankarrao Gadhave Mahavidyalaya

Prepared by

Adya Environmental services, Baramati

Adya Environmental Services

Proprietor


Principal

Sushila Shankarrao Gadhave Mahavidyalay
Khandala, Tal. Khandala, Dist. Satara

Submitted on 27th December 2022





Energy Audit

ENERGY SCENE

Primary source of energy at SSGM is electricity. Electricity is used for all electrical appliances like lighting, fan, pumps, computer and lab instruments. Also water is used for drinking, domestic & gardening purpose.

ENERGY: SOURCES & UTILIZATION

Primary energy / natural resources utilized at the service center are electricity & water. These sources are consumed for the generation of motive power and water for drinking, washing & domestic usage, gardening respectively. The source of electrical power for the service center is from MSEDCL grid

Objectives

- Collect historical data to analyze background activities
- Collect & analyze monthly billing data & energy consumption data for the period of one year.

LEVEL OF AWARENESS

College should organize different training programs for general awareness. Trainings on energy conservation are not found on records. It should be ensured that everyone knows the operating energy conservation parameters

The electricity bill consists of following parts

- Demand charges
- Unit charges
- Time of Day Charges
- Other charges, which cannot be controlled
- Load factor is an indicator to assess if the billed maximum demand charges can be reduced. The monthly load factor is calculated as follows:



Maximum demand should be monitored regularly so as to reduce non-critical loads when set maximum demand is reached. And also need to reduce contract demand in such way that to avoid excess demand charge by considering future load.

OBSERVATIONS

Monthly Electricity Consumption of Senior college - Meter No 09850005457

Sr. No.	Months	Units Consumed (kWh)
1	November 2021	1317
2	December 2021	1645
3	January 2022	1528
4	February 2022	1654
5	March 2022	1458
6	April 2022	1444
7	May 2022	1462
8	June 2022	1162
9	July 2022	1352
10	August 2022	1186
11	September 2022	1384
12	October 2022	1437

Electricity bill analysis

Sr. No.	Parameter	Value	Unit
1	Sanctioned load	7	KW
3	Avg. Unit Consumption (Electricity bill)	1419	Units/Month
4	Avg. Unit Consumption (Electricity bill)	54	Units/day
5	Avg. Unit Consumption (Electricity audit)	63	Units/day



Average monthly MSEDCL unit's consumption is 1419 units and average monthly consumption by as per electricity bill is 1.16 times lower than the Electricity audit.

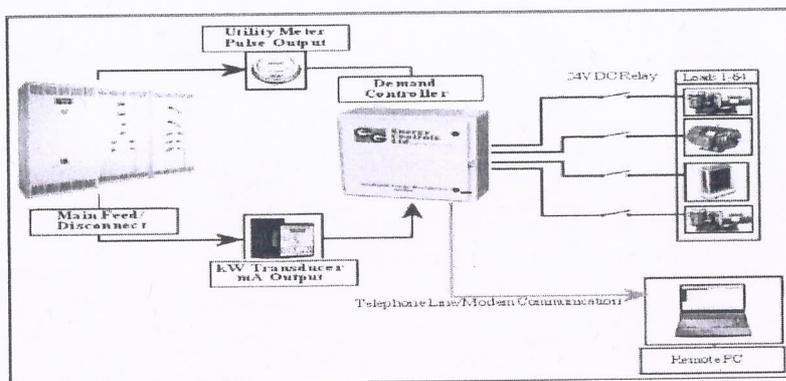
WATER

For water quantification there is no any metering system available at building section.

Water flow meter has to be installed at all major water line for recording consumption of water.

Maximum Demand Controller

- High-tension (HT) consumers have to pay a maximum demand charge in addition to the usual charge for the number of units consumed. This charge is usually based on the highest amount of power used during some period (say 30 minutes) during the metering month.
- The maximum demand charge often represents a large proportion of the total bill and may be based on only one isolated 30 minute episode of high power use. Considerable savings can be realized by monitoring power use and turning off or reducing non-essential loads during such periods of high power use.



Power Factor Incentive & Penalty

- Whenever the average power factor over a billing cycle or a month, whichever is lower, of a High Tension consumer is below 90%, Penal charges shall be levied to the consumer at the rate of 2 % (two %) of the amount of monthly energy bill (excluding of Demand Charges, FOCA, Electricity Duty and Regulatory Liability Charge etc.) for first 1 % (one percentage point) fall in the power factor below 90%, beyond which the penal charges shall be levied at the rate of 1 % (one %) for



each percentage point fall in the power factor below 89%. Such penalty will however not be applicable to Railways for Power Factor up to 72%.

- Whenever the average power factor is more than 0.95, an incentive will be given to High Tension industrial (HTP-I, HTP-II & HT- SEASONAL), and HTP-III & HTP-IV consumers, irrespective of status of TOD meter installation.
- The said incentive will be at the rate of 1% of the amount of the monthly energy bill (excluding Regulatory Liability Charges, Demand Charges, LOCA, Electricity Duty) for every 1% improvement in the average power factor above 0.95.
- For power factor of 0.99, the effective incentive will amount to 5% reduction in the energy bill and for unity power factor, the effective incentive will amount to 7% reduction in the energy bill.
- Power factor will be computed, by the method of kWh / KVAh & rounded off to two decimal points as per the existing practice.

RECOMMENDATIONS

1. Average daily Unit use as per Electricity bill is 1.16 % lower than the use calculated from Energy audit. This difference could be attributed to the following facts.
 - i) Holidays and half days are not considered in the Energy audit calculation.
 - ii) This difference may be due to location of the College building. College has good natural ventilation and light. This makes SSGM campus, a functional, habitable and environmentally sustainable habitat.
2. College should do water pumping in the hours of 4am to 6 am OR 10pm to 12pm to minimize its unit charges.
3. College should go for Non conventional sources of Energy.

Adya Environmental Services


Proprietor


TRUE COPY


Principal

Sushila Shankarrao Gadhave Mahavidyalay
Khandala, Tal. Khandala, Dist. Solapur



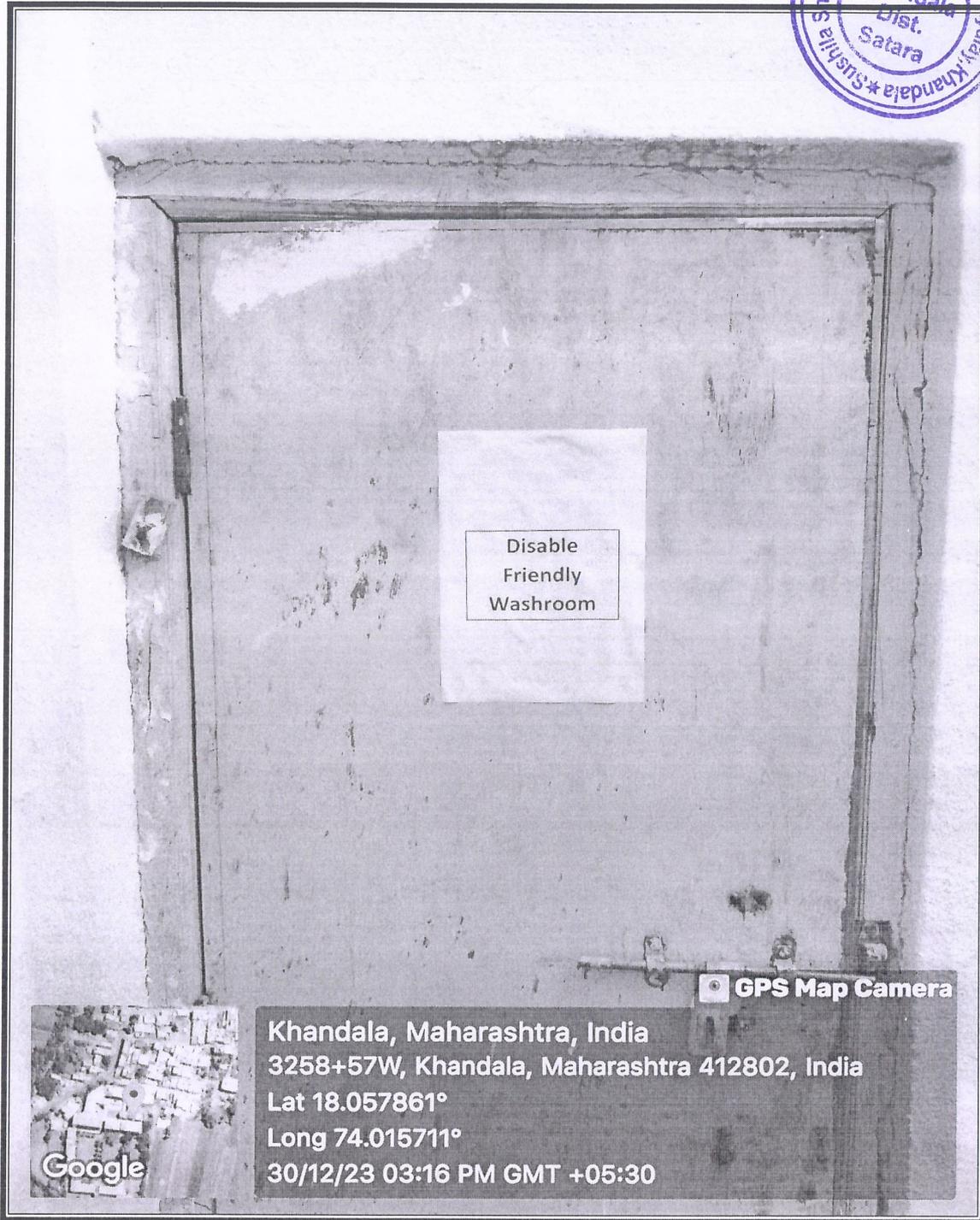
4) Disable – Friendly barrier free environment

Sr. No.	Facilities
1	Disabled Friendly Washroom
2	Signages including tactile paths
3	Rest room
4	Provision for inquiry information
5	Assistive technology for disabled student

The college aims to design its programs, administration and activities accessible to the students. The Campus should be barrier free and accessible for differently abled.

- Disabled Friendly washroom are also available in college.
- The extra care is taken by the institute to maintain the washroom neat and clean.

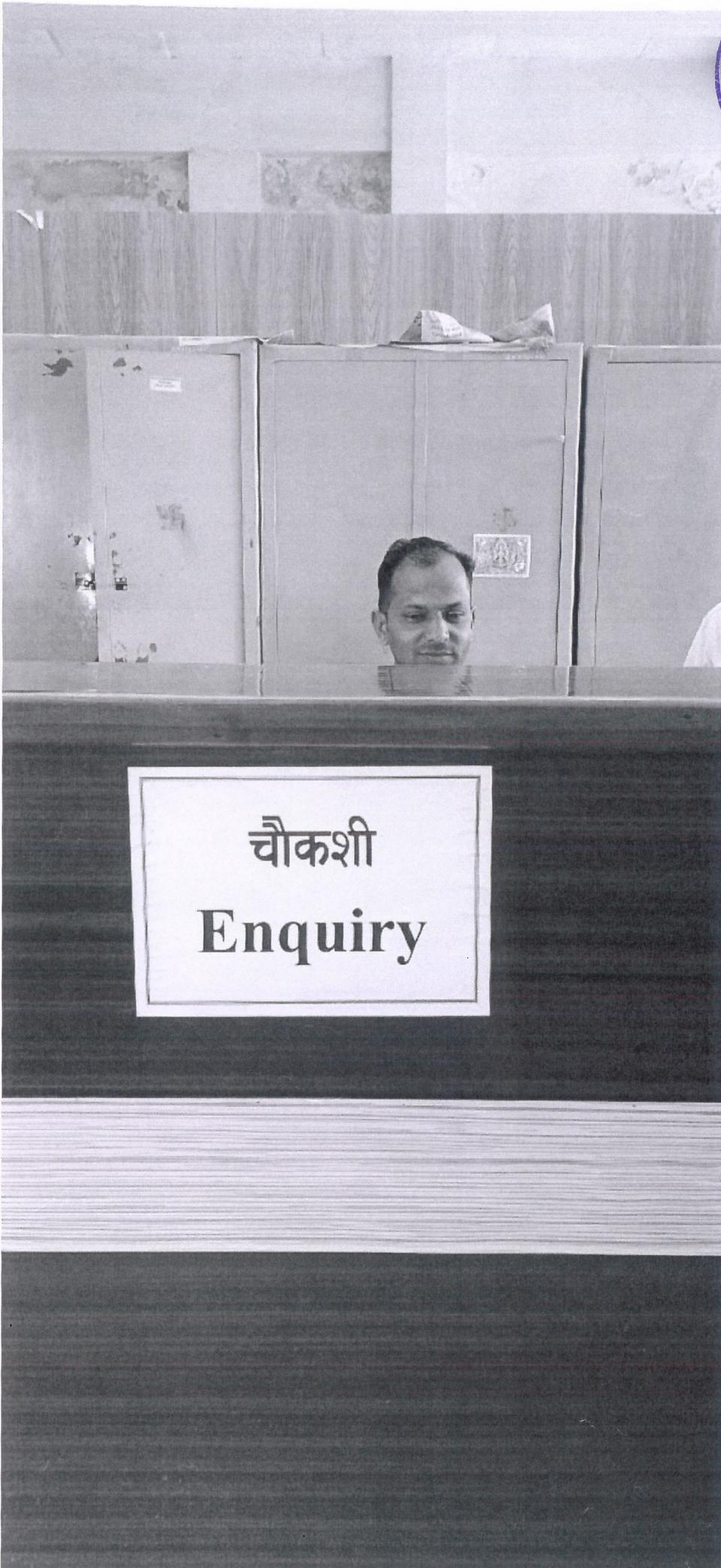
The reception counter provides all the needed information to the differently abled and human assistance



Disable Friendly washroom



Ladies Rest Room





Original Copy

TIN No: 27150621102V

Tax Invoice

CST No. : 27150621102C



www.rigeltechnologies.in

Rigel TechnologiesRohini K-403, DSK Vishwa, Dhayri,
Pune, Maharashtra

Mail Id- info@rigeltech.in

356

Party Details:

To. Rajendra Mahavidyalaya khandala
khandala

Invoice No: 22

Dated: 1/5/17 9:45 AM

Party TIN:

Sr.No.	Description of Goods	Unit	Quantity	Rate	Amount(Rs.)
1	RT-A3FL-MB2 Bullet Camera	nos	1.00	1743.00	1,743.00
2	RT-A3FL-MD2 Bullet Camera	nos	3.00	2332.00	6,996.00
3	RT-AK1008-S DVR	nos	1.00	5175.00	5,175.00
4	DC PIN	pcs	4.00	25.00	100.00
5	BNC CONNECTOR	nos	8.00	40.00	320.00
6	RT-08-POWER SUPPLY	nos	1.00	2000.00	2,000.00
7	CAMERA INSTALLATION	nos	4.00	250.00	1,000.00
8	Supply & Installation Of 3+1 CCTV CABLE WITH PVC PIPE	mtr	240.00	70.00	16,800.00
9	19.5 LED MONITOR	pcs	1.00	6800.00	6,800.00



Khandala Vibhag Shikshan Samiti's
SUSHILA SHANKARRAO GADGIL MAHAVIDYALAYA
(Arts, Commerce & Science) (Permanently Non-Granted)
Tal. Khandala, Dist. Satara, Pin - 412802
(AFFILIATED TO SHIVAJI UNIVERSITY, KOLHAPUR)
महाराष्ट्र शासन उच्च व तंत्र शिक्षण विभाग यांचे आदेश क्र. एनजीसी २००७/(१२५/०१९) भा.श. ३
मंत्रालय विस्तार भवन, मुंबई - ३२ दिनांक २ जुलै २००७ नुसार मान्यता
Ph : (02169) 252112,
Email : rmkhandala@yahoo.in web side : www.rmhandala.com



जा. क्रमांक : - ४४९/२०१९-२०

By hand.

दिनांक : 20 JAN 2020

प्रति

श्रीमती . निला कुलकर्णी

मदग्य, गेटगी क्लव, वाई

ता. वाई, जि. सातारा .

विषय :- महाविद्यालय अपंग खुर्ची भेट दिल्यावावत.....

महोदय,

आपण आमच्या कायम विना अनुदानित महाविद्यालयातील अपंग विद्यार्थ्यांसाठी उपयोगी पडणारी खुर्ची भेट म्हणून दिली याचा फायदा आमच्या महाविद्यालयातील अपंग विद्यार्थी व विद्यार्थीनींना नक्कीच होईल .

आपण सामाजिक जाणिवेतून केलेल्या या महयोगावद्दल महाविद्यालयातील सर्व घटक कृतज्ञ आहोत .
आपले मनःपूर्वक आभार !

आपला विश्वासू

Pranav
20.1.20

सुशिला शंकरराव गडगिल महाविद्यालय
खंडाळा, ता. खंडाळा, जि. सातारा

o/c

Mrs. Neelam M. R. Kulkarni

Recd.
20/01/2020



Latitude: 18.057933
Longitude: 74.015345
Elevation: 680.69±3 m
Accuracy: 34.7 m
Time: 10-16-2023 17:14
Note: cheer