



7.1.3

Management of degradable and non-degradable waste



ANAND PHARMACY COLLEGE

ENVIRONMENT SUSTENANCE COMMITTEE

Green Audit

PRE-AUDIT STAGE

The green audit implicates energy conservation, use of renewable resources, rain water harvesting, carbon sequestration methods, planting trees, waste management including hazardous and e-waste.

Green auditing includes recording and analysis of components related to environment sustenance and development of an educational culture to preserve for future generations. Audit team and members are selected with the help of staff and college management.

❖ Management Committee:

Sr. no	Designation
1	Coordinator (3-5 years' experience as a faculty)
2	Student Cell- Head
3	Extension Activity in charge
4	Extra-curricular in charge
5	Pharmacognosy Department Head
6	IQAC Head
7	Internal Auditor
8	Student Council Head (Male and Female)
9	Two - Student Members from Nature Club (As invitee members as and when required)
10	Admin Head
11	IT/ EDP Head
12	Store Head
13	Representative from Infrastructure and Development Committee / Liaison Officer
14	Head Peon



❖ Functions:

Ensure that, go green initiatives are adopted by the institute and adherence to the 'Go Green' concept via tree plantation drives.

- (i) Awareness drives for environment preservation, including plastic ban, restricted vehicle use, pedestrian walkway in the institution and campus.
- (ii) Promote e-methods for communication on routine basis
- (iii) Develop facilities for alternate sources of energy and energy conservation measures
- (iv) Develop water conservation facilities and waste water recycling and treatment
- (v) Promote waste management and waste recycling systems for solid, liquids, biomedical, e-waste, hazardous chemicals etc.
- (vi) Promote the concept of Recycling and up cycling of the waste material.
- (vii) Promotion and implementation of concept of categorizing of waste and proper disposal of used sanitary pads.
- (viii) Conduct quality audits on environment and energy initiatives in the institute through green audit, energy audit, environment audit.
- (ix) Celebration of important days of National and International relevance related to nature and environment; World Nature Conservation Day, World Environment Day, World Water Conservation Day, World Heritage Day, World Earth Day, World Biodiversity Day and World Energy Conservation Day.

❖ Current Constitution

Sr. no	Designation	Name of person
1	Coordinator (3-5 years' experience as a faculty)	Nikita Udhwani
2	Student cell- Head	Chetna Modi



3	Extension activity in charge	Subhash Sir
4	Extra-curricular in charge	Janki Patel
5	Pharmacognosy department head	Geetha Mam
6	IQAC head	Kalpana Patel
7	Internal Auditor	Dipa Trivedi
8	Student council head (Male and Female)	Male: Dhruv Maheshwari Female: Saumya Gupta
9	Two - Student Members from Nature Club (As invitee members as and when required)	Rana Yash
10	Admin Head	Hardik Rana
11	IT/ EDP Head	Hardik Rana
12	Store Head	Yogesh Bhai
13	Representative from Infrastructure and Development Committee / Liaison Officer	Sunny Bhai
14	Head peon	Raju Bhai

GREEN AUDIT:

❖ Scope and Goals of Green Auditing

The primary goal is to achieve clean and healthy environment which aids in effective learning and provides a conducive learning environment. There are various tools which can address the environment issue like education, awareness camps, posters, banners, etc. But Green Audit is the most efficient and ecological way to manage environmental problems. It is a kind of professional care which is the responsibility of each individual who are the part of economic, financial, social and environmental processes. The green audit is the effective way to educate the students and staff so they become aware and contribute towards the environment and planet.

Thus, green audit is powerful tool for environment sustenance. Anand Pharmacy College, Anand has very simple and creative system to monitor the environment performance. Also, numerous innovative schemes are adopted by college for the environment sustenance.



❖ **Benefits of the Green Auditing**

- Foster the organizations to frame a better environmental performance by efficient management.
- Lay down environment management plan and policy to provide basis for improved sustainability.
- To enable waste management through reduction of waste generation, solid- waste and water recycling.
- To create plastic free campus and green campus by minimizing its use and management.
- Impart environmental education through systematic environmental management approach and improving environmental standards.
- Enhancement of Institution profile through audit.
- Students acquire education related to environment by celebrating various programs and events under green audit.

❖ **Target Areas of Green Auditing**

It is part of management of resources which is carried out at definite intervals to achieve improvement over time. It mainly focuses on efficient use of water and energy for achieving eco-campus; by minimizing waste generation or pollution. Eco- campus focuses on the reduction of involvement to emissions, acquires a cost effective and safe supply of energy, encourages and enhances energy use conservation, promotes personal action, reduce the institute's energy and water consumption, reduce wastes to landfill, and integrates environmental considerations. Target areas includes water, energy, waste, green campus and carbon footprint.



WATER MANAGEMENT AUDIT

- Water auditing is the method whereby different methods are adopted to save water and to reuse water with a view of reducing money and indirectly resources.
- “Water is Life” Practically water is used for every little purpose. There are so many places where they have water shortage or polluted water supply. So, water use must be saved by auditing and minimize the wastage of water.
- Different methods are adapted to save and balance the demand and supply of water like Save Water Save Life, Close the tap properly, Jal Hi Jivan Hai, etc. posters are hanged in all labs and water tank. It is the prime responsibility of institution to inspect the use of water.
- Our institute has developed rain water harvesting plant so that it can be used for various purposes like cleaning, washing, and emergency times.
- World Water Day is celebrated on every 22nd March. Students and faculties participate and create awareness by spreading a message through various audits.



ENERGY MANAGEMENT AUDIT

- It is the analysis and review of energy flow in the building, for energy conservation to reduce the input without negatively affecting the output.
- It indirectly measures the energy where it is used more. Energy audit is a procedure to understand the energy cost, performance, minimize the use of energy and to save the energy and fuel as substitutes based on requirement.
- Energy audit is the must as it comes under sustenance and it is prime requirement of every institute to audit. An old incandescent bulb uses more energy than LED.
- Anand Pharmacy College has Solar Plant setup at its main building which is helpful to utilize the renewable energy source “The Sun” by saving electricity and fuel.
- Banners and posters of energy saving are attached at every classrooms, staffrooms and corridors.
- Awareness is created among peons and workers to switch off the lights when leaving the building. Continuous monitoring is done by clerk and in charge.
- Students’ awareness Programme is conducted to switch off the lights and fans while logging off the library, computer rooms and classrooms.



GREEN CAMPUS MANAGEMENT

- Green auditing is a powerful tool by which we can educate for nature conservation and environment sustainability.
- Green campus can make atmosphere comfortable and save maximum energy by providing the cool air.
- It is helping for ecosystem restoration by improving aesthetics of human health. Incorporation of many activities like use of natural light source, reduce the energy are undertaken by our campus.
- Trees provide maximum oxygen and take up the carbon dioxide. Also they offer to regulate the air. Keeping this in mind, trees of specific environmental importance are planted and nurtured which keeps surrounding cool, improves health and helps to relax an individual.
- Scrap plastics and glasses are given to scrap dealers for safe disposal. Under Green campus drive, use of plastic is banned. Thermos has been distributed in departments for getting tea. And disposable paper cups are used instead of plastic or thermocol cups.
- Canteen employees and peons are educated to not bring tea in plastic bags. Paperless system had been adopted wherever essential. Most of the circulars are scrolled on LED screens for dissemination thereby preventing paper wastage.
- Communication is done through mails for routine purposes. Instead of flex posters, e-posters are preferred for competitions at institute. E-books are encouraged. Documents are preserved in digitized form.
- Paperless record keeping system for the international students was developed by Dr. Lalji Baldaniya (Former employee) during his tenure at institute which was appreciated by the GTU and he was awarded with Pedagogical innovation awards for it.



- Registration forms are being filled as google forms instead of hard copies. Feedback forms are also collected online. Study material is reused for next batch of students to reduce paper usage. Double sided printing is appreciated whenever necessary to avoid paper wastage

AUDITING CARBON FOOTPRINTS

- Carbon dioxide is produced by various emissions of fuels such as petrol and diesel. So, it is important to audit the footprints of stakeholders on how they commute and how much energy is burned and indirectly the emission.
- This results in reducing the greenhouse effect. Footprint auditing is done to educate the youngsters on how to save the energy and reducing the use of petrol vehicles and more use of cycles, public transport and E-bikes.
- Staff and Students awareness is created to use public transport, Sharing Autos and bikes for saving nonrenewable energy.
- Outward register is maintained to monitor the staff and admin department. Thrice in a month outward is allowed for 15 minutes during recess times to save energy and prevent pollution.



શ્રી સત્તિચદાનંદ ગેસ સેલ્સ એન્ડ સર્વિસ

અવધના બલ્લર પાસે
પટેલ પ્લાયવુડની બાજુમાં
જુના રસ્તા, ગામઠી વડ ચોકડી આગળ

તારીખ : ૫-૫-૨૦૦૦.

પ્ર મા છ પ ર
-૦-૦-૦-૦-૦-૦-૦-

આપી પ્રમાણપત્ર આપવામાં આવે છે કે,
અમોએ ચાલુંદ કાર્મચી કાલેજ, ચાલુંદ ખાતે લેબોરેટરીમાં ચેસ કીટોંગ,
મેનીફોલ્ડ કીટોંગ તેમજ પાઈપલાઈન કીટોંગ ચાઈ.ચેસ.ચાઈ.
ધારાધોરણ મુજબ કરેલ છે તેમજ તે માટે જરૂરી માલ-સામાન
તેવા કે, પાઈપ (ટાટાની) ચાઈ.ચેસ.ચાઈ. વાપરેલ છે.
સદર લેબોરેટરીનું દરેક કામ ચેક કરીને આપેલ છે.



**CHAROTAR GAS
SAHAKARI MANDALI LTD.**

Ref No, CGSML / 828 / 2011-12
Dt: 28/01/2012

To,
The Hon. Secretary,
SRKSM,
Anand.

CERTIFICATE

This is to certify that we have provided gas fitting, manifold fitting and pipeline fitting according to L.S.I. mark and PNGRB guideline to all the laboratories of Anand Pharmacy College, Anand all the materials used, viz pipes, regulators etc., have been as per L.S.I. Standards.

Further we have conducted regular maintenance check-ups for the gas supply system at the Anand Pharmacy College as per established practices, and confirmed that said system at the college is in proper working condition.

Sincerely,

For Charotar Gas Sahakari Mandali Ltd.

Nilesh Mistry
(Safety Officer)



Phone: 0269021 235594
Mobile: 987901 48434, 909905 91868
Email: 98790148434@yahoo.in



A-3, Bhagvat Park-II, Punasthottam Nagar Road, B/h. Vahav Cinema, Bakrol-385 3

TITUS ENGINEERING WORKS

G.I MEASUREMENT & TESTING REPORT

PIPE (Mtr.)	101.67	Address: Anand Pharmacy College Opp. town hall. Anand.						
Size:-	1/2"							
GI FITTING				GI TESTING CERTIFICATE				
1/2" Elbow	80	Regulator	—	Pr. Gauge No. : PG-2114				
1/2" Tee	98	1/2" Gas Tape	101	Make : Care-				
1/2" Coupling	02	Hole	01	Range : 0.00 to 10.00 kg/cm ²				
1/2" Plug	101	MS Clamp	76	Testing Date : 10.05.18				
1/2" Hex	81	RCC Guard	—	Conn.	Holding Period	Initial Pressure	Final Pressure	Result.
2" Nipple	23	Ball Valve	01	GI	30 Min.	3 kg/cm ²	3 kg/cm ²	Ok.
3" Nipple	19	Meter No. :	—	—		—		
4" Nipple	33	Inst. Date :	09/05/18					
6" Nipple	23	Other:-						
Customer Name : Yogesh Patel Anand Pharmacy College.				Customer Sign. :				
Remarks :								
Contractor Sign :				Engineer Sign :				





MADHYA GUJARAT VIJ COMPANY LIMITED

**SARDAR SUB DIVISION
GRID COMPOUND, ANAND.**

TEL: (02692) 245695

Ref. No: SDR/Billing/ 5028

Date: 3-7-2021

TO WHOM IT MAY CONCERN

This is to certify that electricity supply to Anand Pharmacy College (Shri Ramkrishna Seva Mandal, Opposite Town Hall, Anand- 388001) is provided by power Department, Government of Gujarat having its sanctioned load of 200 KVA and wheeling of grid for the same is done by overhead line system.

MGVCL
Sardar Sub Division,
Grid Compound,
Bh. Circle Office,
Anand-388001.


Deputy Engineer
Sardar S/Dn, Anand



Energy Audit Report

Date: 21/02/2024

Electrical Appliances/ Instrument	Number	POWER (W/Unit s)	Total Power (W)	kW	Oper ation /day	kW/hr	No. of days in Months	Total Consumption/ Month
Tube Light	1057	18	19026	19.026	6	114.156	24	2739.74
Exhaust Fan	50	230	11500	11.5	6	69	24	1656.00
Fan	500	65	32500	32.5	6	195	24	4680.00
Computers	120	230	27600	27.6	6	165.6	24	3974.40
Printers	10	50	500	0.5	4	2	16	32.00
Projector	13	180	2340	2.34	4	9.36	16	149.76
UPS	6	1000	6000	6	6	36	24	864.00
LAPTOP	6	230	1380	1.38	4	5.52	16	88.32
A/C	36	3500	126000	126	4	504	16	8064.00
Refrigerators	8	150	1200	1.2	7	8.4	28	235.20
Hot Air Oven	6	2000	12000	12	3	36	12	432.00
Autoclave	4	3000	12000	12	3	36	12	432.00
Abbes Refractometer	1	230	230	0.23	2	0.46	8	3.68
All Purpose Laboratory Equipment	1	230	230	0.23	2	0.46	8	3.68
All Purpose Stirrer	6	230	1380	1.38	3	4.14	12	49.68
Analgesimeter	1	230	230	0.23	3	0.69	12	8.28
Auto Coater	1	415	415	0.415	3	1.245	12	14.94
Autoclave	4	750	3000	3	2	6	8	48.00
BIOPACK	1	230	230	0.23	3	0.69	12	8.28
Centrifuge	1	230	230	0.23	3	0.69	12	8.28
Photo Colorimeter	5	230	1150	1.15	6	6.9	24	165.60
Conductivity Meter	3	230	690	0.69	4	2.76	16	44.16
Deep Fridge	2	415	830	0.83	7	5.81	28	162.68
Electroconvulsom eter	1	230	230	0.23	1	0.23	4	0.92
Fluid Bed Dryer	1	230	230	0.23	2	0.46	8	3.68
Freeze Dryer	1	230	230	0.23	1	0.23	4	0.92
Digital Visible Spectrophotomet er	1	230	230	0.23	4	0.92	16	14.72
Heating Mantle	28	350	9800	9.8	2	19.6	8	156.80
Muffle Furnace	3	415	1245	1.245	2	2.49	8	19.92

Melting/Boiling Apparatus	2	350	700	0.7	2	1.4	8	11.20
pH Meter	11	230	2530	2.53	4	10.12	16	161.92
Magnetic Stirrer with Hot Plate	37	230	8510	8.51	2	17.02	8	136.16
Super Sonic Cleaner	3	230	690	0.69	2	1.38	8	11.04
Tray Dryer	1	415	415	0.415	3	1.245	12	14.94
UV - Visible Double Beam Spectrophotometer	3	230	690	0.69	4	2.76	16	44.16
Vacuum Pump	8	230	1840	1.84	2	3.68	8	29.44
Ball Mill	1	230	230	0.23	1	0.23	4	0.92
Hot Air Blower	1		0	0	1	0	4	0.00
Clinical Chemistry Analyser	1	230	230	0.23	3	0.69	12	8.28
Bulk Density Apparatus	2	230	460	0.46	4	1.84	16	29.44
Electrical Student Kymograph	35	230	8050	8.05	3	24.15	12	289.80
Friability Test Apparatus	2	230	460	0.46	6	2.76	24	66.24
HPLC	2	230	460	0.46	4	1.84	16	29.44
HPTLC	1	230	230	0.23	4	0.92	16	14.72
Karl Fisher Titration Apparatus	1	230	230	0.23	1	0.23	4	0.92
Orbital Shaking Incubator	1	415	415	0.415	6	2.49	24	59.76
Tablet Punching Machine	1	415	415	0.415	6	2.49	24	59.76
Photo Flourimeter	1	230	230	0.23	5	1.15	20	23.00
OLYMPUS INVERTED TRINOCULAR MICROSCOPE	1	2.25	2.25	0.00225	3	0.00675	12	0.08
Biological Safety Cabinet	1	220	220	0.22	4	0.88	16	14.08
Microplate Photometer	1	240	240	0.24	2	0.48	8	3.84



Anand Pharmacy College, Anand

(Managed by Shri Ramkrishna Seva Mandal)
(Affiliated to Sardar Patel University, V. V. Nagar)
Nr. Town Hall, ANAND 388 001. Ph. : (02692) 250020
E-Mail : rapc@rediffmail.com

Dr. Tejal R. Gandhi
(VC. Principal)

Ref No APC/159/2004-05

Date: 3-6-04

To,
Area Executive
OTTS Elevator Company (India) Limited (Area Office)
Block No. 202/C, 2nd floor
BBC Tower, Near Surya Hotel, Sayagi Gunj,
Vadodara - 390 005
Phone : (0265) 236 1169, 236 1276

Kind Atten. : Mr. Anurag Mishra

Sub : Order for OTTS ELEVATOR at Anand Pharmacy College at Ram Krishna
Seva Mandal, Anand Campus.

Dear Sir,

This is in connection Techno commercial discussions the undersigned had with you in the referred matter.

We have a great pleasure to place on to you the order for supply, installation and testing of OTTS Elevator in accordance with the specifications mentioned in your offer dated 07/05/2004.

Our order is subject to following Terms & Conditions.

- (1) The structure and civil work details for the lift well and machine Room has been designed and detailed as per your requirements and recommendations during your site visit. The detail drawings are submitted for your machine.
- (2) Your site Engineer shall visit site for periodic inspection to ensure your technical requirements to avoid any delay and confusion during lift installation.



ANAND PHARMACY COLLEGE

(Managed by Shri Ramkrishna Seva Mandal)

Affiliated to Gujarat Technological University, Ahmedabad
NAAC Accredited (Since - 2009), 'A' Grade
NBA Accredited (Since - 2014), B.Pharm
Approved by PCI & AICTE, New Delhi

Opp. Town Hall, Anand - 388 001. Telefax : (02692) 250020
Email : principal@apc.ac.in Website : www.apc.ac.in

Dr. Tejal R. Gandhi
(Principal)

Ref. No. : APC / 05 / 2021-22

Date : 2/6/2021

To,
Ostrich Services
Government Authorized Erection & maintenance of Lifts
103/A-Wing, FF Krishna Kanaiya Complex,
Beside Shah Petrol pump,
Bhalej Road, Near Palak Hospital,
Anand-388 001

Sub: Renewal of Non-Comprehensive Maintenance Contract for Lift.

Dear Sir/Madam,

As per above mentioned subject, kindly renew the Lift Maintenance Contract.

No	Description	Amount
1	Non - Comprehensive Lift Maintenance Contract Contract Validity: 1/4/2021 to 31/3/2022	12000/-
		Total Rs.12000=00

Prepared by: 

Yours truly,


Principal

PRINCIPAL
ANAND PHARMACY COLLEGE
ANAND



Terms and conditions:

1. Above rate is fixed and No any other charges.
2. The Terms and conditions of the contract as per the agreement Letter of Ostrich Elevators.



Different types of varieties in medicinal plant garden

Sr. No.	Biological Name	Family	Local Name	Varieties available
1.	Abrus precatorius	Papilionaceae	Chanothi	3
2.	Achyranthes aspera	Amaranthaceae	Aghedo	2
3.	Acorus calamus	Acoraceae	Vaj	1
4.	Adhatoda vasaca	Compositae	Ardusi	3
5.	Adiantum lunulatum	Adiantaceae	Hansraj	1
6.	Allium satvium	Liliaceae	Lasan (jungli)	2
7.	Aloe vera	Liliaceae	Kunvar pathu	6
8.	Alpinia cardamomum	Zinzgibraceae	Bada ellich	2
9.	Andrographis peniculata	Acanthaceae	Kalmegh	3
10.	Annona squamosa	Annonaceae	Sitafal	1
11.	Argemone Mexicana	Papaveraceae	Darudi	3
12.	Artemisia absinthium	Compositae	Artemisia	
13.	Asparagus adscendes	Liliaceae	Safed Musli	3
14.	Asparagus Racemosus	Liliaceae	Shatavari	4
15.	Bacopa moneri	Umbeliiferae	Brahmi	3
16.	Baella rubra	Basellaceae	Poi	3
17.	Baleria prionitis	Acanthaceae	Vajra danti	1
18.	Baliospermum montanum	Euphorbiaceae	Danti	



19.	Bauhinia purpurea	Leguminosae	Kanchnar	3
20.	Bixa orellana	Bixaceae	Sinduri	
21.	Boerhavia diffusa	Nyctaginaceae	Punarnava	3
22.	Bryophyllum pinnatum	Fabaceae	Panfuti	3
23.	Butea monosperma	Fabaceae	Palash	1
24.	Cactus		Cactus	6
25.	Cassia angustifolia	Leguminosae	Senna	3
26.	Cassia sophera	Caesalpiniaceae	Kasundri	3
27.	Cissus quadrangularis	Vitaceae	Hadsankal	4
28.	Citrus limon	Rutaceae	Limbu	3
29.	Citrus medica	Rutaceae	Bijoru	1
30.	Clathrotropis brachypetala	Fabaceae	Sapan	
31.	Clitoria ternatea	Convolvulaceae	Aparajita (safed)	2
32.	Commiphora mukul	Burseraceae	Guggal	2
33.	Convolvulus plauricaulis	Convolvulaceae	Sankhapushpi	2
34.	Crinum asiaticum	Amaryllidaceae	Nagdaman	
35.	Curcuma longa	Gingiberaceae	Halad	2
36.	Cycas revolute	Cycadaceae	Cycas	
37.	Cymbopogon citratess	Graminae	Lemongrass	3
38.	Cymbopogon martini	Graminae	Palmrosa	1
39.	Cymbopogon schoenanthus	Poaceae	Rosa grass	
40.	Datura Metel	Solanaceae	Datura	4
41.	Datura Metel	Solanaceae	White Dhatura	2



42.	Datura stramonium	Solanaceae	Daturo (black)	2
43.	Eclipta Alba	Copositae	Bhrungraj	2
44.	Enicostema littorale	Gentianaceae	Mamejavo	2
45.	Euphorbia hirta	Euphorbiaceae	Dudheli	4
46.	Evolvulus alsinoides	Fabaceae	Blue aparajita	
47.	Ficus bengalensis	Moraceae	Vad	1
48.	Ficus carica	Urticaceae	Anjir	1
49.	Ficus religiosa	Moraceae	Piplo	2
50.	Gymnema sylvestre	Asclepiadaceae	Madhunasini	2
51.	Hedychium spicatum	Gingiberaceae	Kapur kanchari	1
52.	Helianthus annus	Compositae	Sun Flower	1
53.	Hibiscus rosa- sinensis	Malvaceae	Jasud	4
54.	Ixora coccinea	Rubiaceae	Ixora	3
55.	Jasminum arborescens	Oleaceae	Chameli	3
56.	Jatropha multifida	Euphorbiaceae	Nepalo	1
57.	Leptadenic reticulate	Asclepiadaceae	Jivanti (dodi)	2
58.	Lippia nodiflora	Verbenaceae	Jalpipali	2
59.	Mentha pipereta	Labiataeae	Pudino	4
60.	Mimosa pudica	Mimosaceae	Lajvanti	
61.	Nerium Indicum	Apocynaceae	Karen	2
62.	Nerium Indicum	Apocynaceae	Pili Karen	2
63.	Ocimum Basilicum	Labiatae	Damro	3
64.	Oxalis corniculata	Oxalidaceae	Changeri	
65.	Pandanus	Pandanaceae	Kevado	



	odoratissinus			
66.	Pedaliu murex	Zygophyllaceae	Bada gokhru	2
67.	Pimpinella anisum	Umbeliiferae	Ajmo	1
68.	Piper longum	Piperaceae	Lindi Piper	3
69.	Piper officinarum	Piperaceae	Gaj papal	2
70.	Pluchea lanceolata	Asteraceae	Rasna	1
71.	Plumbago Zeylanica	Plumbaginaceae	Chitrak	2
72.	Polianthes tuberosa	Asparagaceae	Rajnigandha	2
73.	Pseudocalymma alliacum	Bigononiaceae	Lasanvel	2
74.	Psoralea coryfolia	Fabaceae	Bavchi	2
75.	Rauwolfia serpentine	Apocynaceae	Sarpagandha	3
76.	Rosa Indica	Rosaceae	Gulab	4
77.	Saraka Indica	Leguminisae	Ashoka	1
78.	Sida acuta	Malvaceae	Bala	3
79.	Simmondsia chinensis	Simmondsiaceae	Jojoba	1
80.	Solanum aculeatissimum	Solanaceae	Bhoj ringni	2
81.	Solanum nigrum	Solanaceae	Piludi	2
82.	SolanumKhasianum	Solanaceae	Ubhi Ringdi	2
83.	Spilanthes calva	Compositae	Marethi	
84.	Stachytarpheta mutabilis	Verbenaceae	Lisi Angheli	1
85.	Terminalia Arjuna	Combretaceae	Arjun	1
86.	Terminalia Belerica	Combretaceae	Baheda	1
87.	Thespesia populnea	Malvaceae	Paras piplo	1



88.	Tinuspora Cordfolia	Menispermaceae	Galo	3
89.	Tribulus terrestrus	Zygophyllaceae	Chota gokhru	1
90.	Tylophora Indica	Asclapediaceae	Damvel	3
91.	Vinca rosea	Apocynaceae	Barmasi	4
92.	Vitex Negundo	Verbanaceae	Nagod	4
93.	Vitis trifolia	Vitaceae	Karodio	
94.	Withania somnifera	Solanaceae	Ashwagandha	3



RAIN WATER HARVESTING

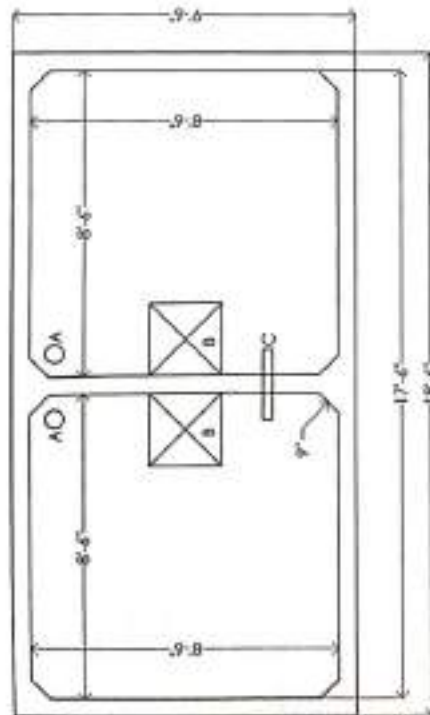
SRKSM

Calculations for Rain Water Harvesting System

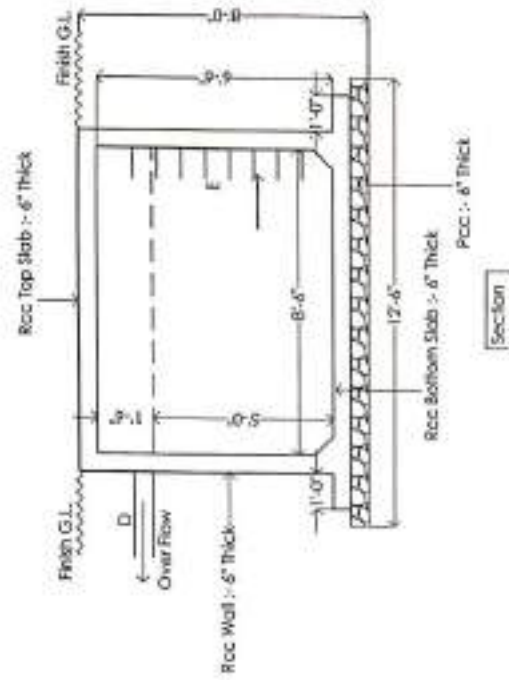
Month	Days	Demand Per Day	No of Students	Demand/Outflow	Inflow	Storage Required	
January	4	3.5	300	4200	0	4200	
February	4	3.5	300	4200	0	4200	
March	4	3.5	300	4200	0	4200	
April	4	3.5	300	4200	0	4200	
May	4	3.5	300	4200	0	4200	
June	4	3.5	300	4200	63798	0	
July	4	3.5	300	4200	174211	0	
August	4	3.5	300	4200	164152	0	
September	4	3.5	300	4200	57057	0	
October	4	3.5	300	4200	1338.75	2861.25	
November	4	3.5	300	4200	0	4200	
December	4	3.5	300	4200	0	4200	
	48			50400	460556	32261.25	
				Say		30000	Liter
						30	m ³
				Water Depth		2.5	m
				Free Board		0.2	m
				Area Required		12	m ²
				Size of Sump		3m x 4m x 2.7m	

Note: Rain Water Harvesting Capacity is 10.94 i.e. 11% of Total Potential. It is Suggested to Connect More or Equivalent Number of Rain Water Down Pipes to the Sump.

- A = Air Vent Pipe :- 6" Dia
B = Inspection Cover, 30" x 30"
C = Connection pipe (1 no. at top & 1 no. at bottom)
D = Over flow pipe
E = C.I. Step



Capacity = $8'6" \times 8'6" \times 5'0" = 10,000 \text{ Ltr} \times 2 = 20,000 \text{ Ltr}$



Project Name	Shri Ramkrishna Seva Mandal
Project No.	02182 23065
Project Location	VI AGAR
Project Date	01/01/2023
Project Status	Completed
Project Budget	10,00,000
Project Cost	10,00,000
Project Profit	0
Project Loss	0
Project Net	0
Project Margin	0
Project Return	0
Project Yield	0
Project ROI	0
Project ROIC	0
Project ROE	0
Project ROA	0
Project ROCE	0
Project ROICM	0
Project ROICW	0
Project ROICB	0
Project ROICD	0
Project ROICE	0
Project ROICF	0
Project ROICG	0
Project ROICH	0
Project ROICI	0
Project ROICJ	0
Project ROICK	0
Project ROICL	0
Project ROICM	0
Project ROICN	0
Project ROICO	0
Project ROICP	0
Project ROICQ	0
Project ROICR	0
Project ROICS	0
Project ROICT	0
Project ROICU	0
Project ROICV	0
Project ROICW	0
Project ROICX	0
Project ROICY	0
Project ROICZ	0
Project ROICA	0
Project ROICB	0
Project ROICC	0
Project ROICD	0
Project ROICE	0
Project ROICF	0
Project ROICG	0
Project ROICH	0
Project ROICI	0
Project ROICJ	0
Project ROICK	0
Project ROICL	0
Project ROICM	0
Project ROICN	0
Project ROICO	0
Project ROICP	0
Project ROICQ	0
Project ROICR	0
Project ROICS	0
Project ROICT	0
Project ROICU	0
Project ROICV	0
Project ROICW	0
Project ROICX	0
Project ROICY	0
Project ROICZ	0



**BMW AUTHORIZATION FORM-III(Rule 18)****Anand Pharmacy College (366722)**Gujarat Pollution Control Board
2nd Floor Bardwan Complex
Dr Cook Road, Anand 388001
Tele :

Under the Rule-10 of the Biomedical waste (Management and Handling) Rules, 2016 framed under the EPACT'86

Authorization for operating a facility for Disposal OR destruction
use,Generation,Segregation,Storage,Treatment OR processing OR conversion of biomedical wastes.**BMW AUTH NO :BMW-339037, VALID UPTO : 31/12/2075**

PCB Id : 0

BMW Id : 366722

Application Inward No : 43395 , Date: 12/04/2018

CCA No: 0

File No : ANAND-426, (Out No : 15471)

No of Beds : 0,

Investment(in lakh) : 500.00,

Act : B

No of HW : 0,

Water Consumption(klpd) : 0.00,

Scale : S

In exercise of power conferred by this Board and after scrutiny of above referred application, Superintendent /
Incharge of Anand Pharmacy College at Opp Town Hall,Anand , anand Tal : Anand Dist : Anand is here
by granted an Authorisation to operate Health Care facility for Disposal OR destruction
use,Generation,Segregation,Storage,Treatment OR processing OR conversion of biomedical wastes on
the premises of

M/S. Samvedna Bmw Incinerator situated at

Plot No. 217/1,Chandrapura Ind.Estate,Halol Dist : PANCHMAHAL Under

CBWTF Reg. No : AN-882, Valid Upto :

1.The Authorisation is granted for 0 nos. of beds with generation of

Type of Waste Category (Kgs/Month)	YELLOW	WHITE (Translucent)	RED	BLUE
Qty permitted for Handling	10.00	0.10	6.00	6.00

category of biomedical wastes. (Unit - Kgs/Month)

2.This BMW Authorisation shall be in force for a period of (year, Valid Upto 31/12/2075)(LifeTime)

3.This Authorisation is subject to the conditions stated in the Annexure-I attached here with and to such other conditions as
may be specified in the Rules for the time being in force under the Environment (Protection) Act 1986.4. The authorization shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there
under.5. The authorization or its renewal shall be produced for inspection at the request of an officer authorised by the prescribed
authority.

Dt: 24/04/2018

Granted on : 24/04/2018 12:47:51

IPAV # SYK70FJBR2

N I C



SAMVEDNA B.M.W. INCINERATOR (Unit-10)

GUJARAT POLLUTION CONTROL BOARD AUTHORISED CBMWTF

Reg. Add : 100, 1st Floor, Sagar Complex, Godhra Road, Near Rinkhi Chokdi, Halol, Panchmahal, Gujarat.
Ph. No : 02976 224997 Help Line No : 8141368333 E-mail : samvedna@gmail.com, www.samvedna.com
Plant : Plot No. 208/3, Moraj-Chithala Road, At. & Po. Moraj Village, Ta. Tarapur, Dist. Anand. Pin : 385 100

CERTIFICATE

This is to certify that Anand Pharmacy College
Dr. / In-charge : Dr. Tejal R. Gandhi
Located at the address : Opp. Town Hall, Anand
Taluka: Anand Dist: Anand Pincode: 380001
No. of Bed: 0
Is registered with us for the specific purpose of Management & Handling of Bio-Medical Waste; generated at above Health Care unit as per Pollution Control Board rules.

Samvedna Reg. ID No.:
AN- 882

Valid Upto:
31-03-2026

GPCB - ID
356722

Place : Anand

Date : 31-03-2021

For Samvedna Bmw Incinerator

Partner



ANAND PHARMACY COLLEGE



Rain water Harvesting Plant



PRINCIPAL
ANAND PHARMACY COLLEGE
ANAND



7.1.3

Waste Management System (Pulping of Biodegradable materials)



VARUN PAPER COMPANY

**Raw Material Suppliers to Paper Mill Waste Paper,
Paper Distributor & Scrap Merchant.**

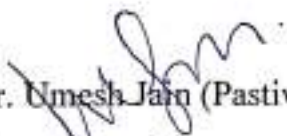
૨૭/૪/૨૧

To,
The Principal,
Anand Pharmacy College,
Anand.

Subject: Pulping of the paper wastage collected from Anand Pharmacy College,
Anand.

Respected Madam,

I undersigned Mr. Umesh Jain (Pastiwala) hereby abide that the every single paper collected from the Anand Pharmacy College will be given in Pulping and Recycled process.


Mr. Umesh Jain (Pastiwala),
Varun Paper Company,
Sabarmati, Ahmedabad.



nikesh Pathak <nikeshpathak1405@gmail.com>

Regarding wastage at Terrace

yogeshkumar patel <yogesh_apc_alindra@yahoo.co.in>

Sat, Jan 21, 2023 at 4:20 PM

To: "Mr. Nikesh S. Pathak (Jr. Clerk)" <nikeshpathak1405@gmail.com>, Sunnybhai <sunny02_mac@yahoo.com>

Mail on 13th January

Dear All,

Laboratory Wastage like empty chemical bottles, broken glassware at Terrace of APC, RC and Pharm D Building. So, we at Store Department requested to discard wastage within a week. Submit wastage material money to account section and update the scape file.

Regards.

If Varun Paper person not coming for this material, then contact local person and complete work as we said.

Regards.

Mr. Yogesh. H. Patel
Sr. Laboratory Technician

Anand Pharmacy College
Opposite Town Hall
Anand – 388 001
Gujarat INDIA
Tel: +91.2692.250020
Cell: +91.98245 86290

On Monday, 16 January 2023 at 11:51:27 am GMT+5:30, Tejal Gandhi <gandhi.tejal@hotmail.com> wrote:

keep a tract of compeltion of work in time...

Dr. Tejal Gandhi**Professor & Principal, Anand Pharmacy College****Opp. Town Hall****Anand 388 001****Gujarat****INDIA****Tel: +91.2692.250020****Cell: +91.98250 74167**

From: yogeshkumar patel <yogesh_apc_alindra@yahoo.co.in>**Sent:** Friday, January 13, 2023 4:01 PM**To:** Mr. Nikesh S. Pathak (Jr. Clerk) <nikeshpathak1405@gmail.com>; Sunnybhai <sunny02_mac@yahoo.com>**Cc:** Tejal Gandhi <gandhi.tejal@hotmail.com>**Subject:** Regarding wastage at Terrace

[Quoted text hidden]



nikesh Pathak <nikeshpathak1405@gmail.com>

Subject: Regarding wastage at Terrace

nikesh Pathak <nikeshpathak1405@gmail.com>

Mon, Jan 30, 2023 at 12:26 PM

To: Yogeshbhai <yogesh_apc_alindra@yahoo.co.in>, Sunnybhai <sunny02_mac@yahoo.com>, "Dr. Tejal R Gandhi (Principal) HOD M.pharm Pharmacology" <gandhi.tejal@hotmail.com>

Dear All,

Laboratory Wastage like **empty chemical bottles, broken glassware, and other waste material** at Terrace of APC,RC and Pharm D Building. We are all waste material discard date on 27.01.2023. We received the money submitted to the account section and account receipt filing in the scape file.

Regards.

Mr. Nikesh Pathak
Sr. Clerk

Anand Pharmacy College
Opposite Town Hall
Anand – 388 001
Gujarat INDIA
Tel: +91.2692.250020



Message preview

- ↩ Reply
- ↩↩ Reply all
- ↪ Forward
- 🗑 Delete
- 🖨 Print
- 📁 Archive
- 🏷 Mark
- ⋮ More
- ⬅ Previous
- ➡ Next
- ⋮

✕ Com...

✉ Mail

👥 Contacts

📅 Calendar

⚙ Settings

🌙 Dark mode

❓ About

🔌 Logout

🏠 Webmail Home

જનરલ અને અન્ય ભંગાર પસ્તીમાં આપવા બાબત



To [anandpharmacy010@gmail.com](#), [44 more...](#) on 2022-08-13 12:56

 Details

 Headers

આદરણીય સ્ટાફમિત્રો

સવિનય સાથે જણાવાનું કે આપના ખાતામાં જનરલ અને અન્ય ભંગાર પસ્તીમાં આપવાનું હોય, તો તા. રપ.૦૮.૨૦૨૨ પેહલા જણાવજો. જેથી કરીને તેનો સ્ટોક એક જગ્યાએ ભેગો કરીને પસ્તીમાં આપી શકાય.

આભાર સહ,

Mr. Nikesh S. Pathak
Sr.Clerk,
Anand Pharmacy College,
Anand.



MONEY RECEIPT

ANAND PHARMACY COLLEGE, ANAND

Receipt No. **33500**

Date: 31-1-2023

Received with thanks from Vinod Kumar

the sum of Rupees Nine Hundred Seventy Only

on account Scope Income Payment by Cash / Cheque No. Cash

drawn on Bank _____ dated _____



[Signature]

For, Principal
Anand Pharmacy College
Anand.

27/11/2022

① સામગ્રી

$$46.600 \text{ kg} \times 10 \text{ રૂ} = 466 \text{ રૂ}$$

② ત્રાંચ

$$12.600 \text{ kg} \times 20 \text{ રૂ} = 252 \text{ રૂ}$$

③ ચીઠી

$$20 \text{ kg} \times 10 \text{ રૂ} = 200 \text{ રૂ}$$

④ કાચ

$$\rightarrow \text{ભેંડન કાચ} : 138.700 \times 0.50 \text{ રૂ} = 69.35 \text{ રૂ} (\text{Round } 70 \text{ રૂ})$$

$$\rightarrow \text{સરે કાચ} : 82 \text{ kg} \times 1 \text{ રૂ} = 82 \text{ રૂ}$$

$$\text{કુલ (Total) Amount} = 970 \text{ રૂ}$$

ANAND PHARMACY COLLEGE, ANAND.



(Managed by Shri Ramkrishna Seva Mandal)
(Affiliated to Gujarat Technological University, Ahmedabad)
(Approved by PCI & AICTE, NAAC Accredited- A' Grade, 3.38 CGPA)

Opp. Town Hall, Anand - 388 001. Telefax : (02692) 250020

Email : principal@apc.ac.in Website : www.apc.ac.in

Dr. Tejal R. Gandhi
(Principal)

Ref. No. : APC / /

Date : 31/11/23

પ્રતિ,
માનદ મંત્રી,
શ્રી રામકૃષ્ણ સેવા મંડળ,
આણંદ

વિષય : ડેડસ્ટોક કમી કરવા બાબત

શ્રી રામકૃષ્ણ સેવા મંડળ સંચાલિત આણંદ ફાર્મસી કોલેજની કચમી મિલકતમાંથી નીચે મુજબની વસ્તુઓ તદ્દન તુટી ગયેલ હોવાથી, તે બીનઉપયોગી થતાં તેને સંચારમાં આપી દીધેલ છે. તેને ડેડસ્ટોક ખાતેથી કમી કરવામાં ઠરાવવામાં આવે છે.

ક્રમ નં.	વસ્તુનું નામ	ડેડસ્ટોક નં.
૦૧	પ્લાસ્ટિક ની ખુરશી	APC/PC/4,6,15,18,31,32,34,38,55,87,143
	ટોટલ - ૧૧	

આપની વિશ્વાસુ,
ડૉ. તેજલ આર. ગાંધી

[Signature]
31/11/23

[Signature]
31/11/23

[Signature]

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ANAND



ANAND PHARMACY COLLEGE



Water management systems



[Signature]

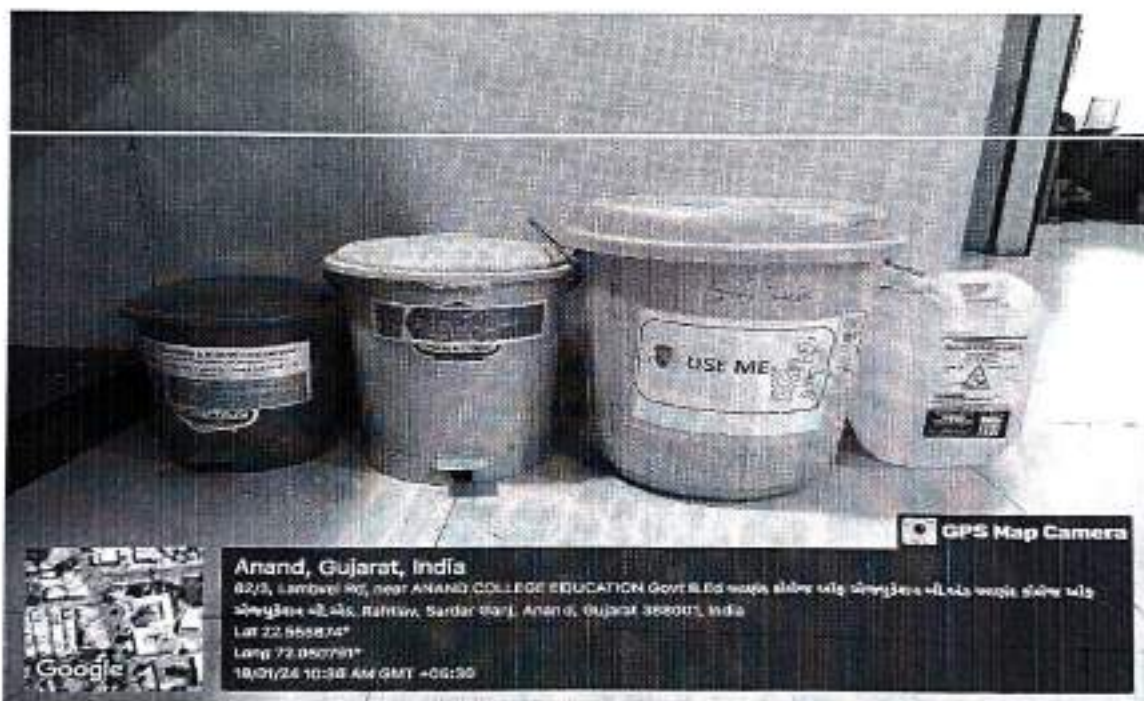
**PRINCIPAL
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ANAND**



ANAND PHARMACY COLLEGE



Green Initiatives



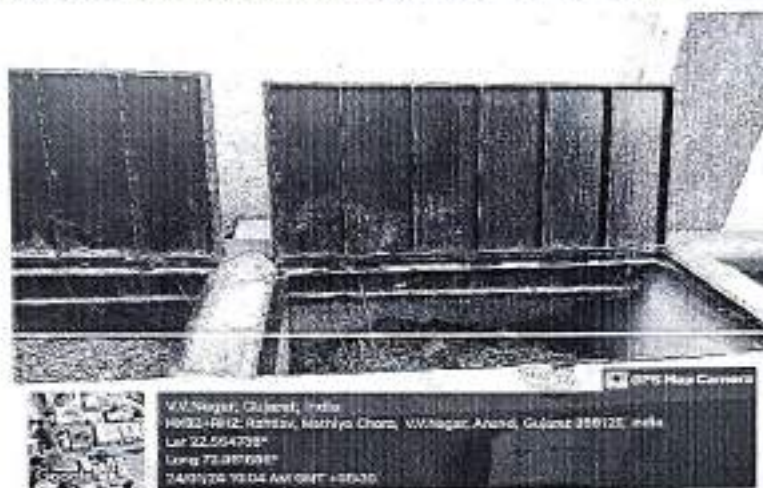
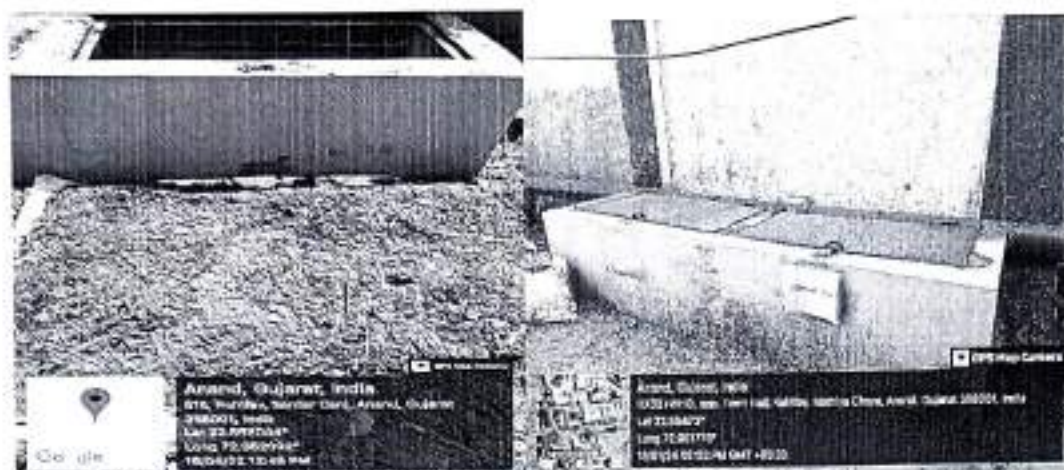

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Waste management pits



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ANAND

Training Program on "LABORATORY SAFETY; HAZARD MANAGEMENT, ACID DISPOSAL AND WASTE MANAGEMENT"

From: yogeshkumar patel (yogesh_apc_alindra@yahoo.co.in)

To: kalpana_jpatel@yahoo.com; vtthakkar@rediffmail.com; rpisrp@gmail.com; anandpharmact08@gmail.com; hardikrana1439@gmail.com; sandip9641@gmail.com; dchavda3@gmail.com; akshayshahapc@gmail.com; devangapc205@gmail.com; navdha18nv@gmail.com; anandpharmacy012@gmail.com; ravalprachi503@gmail.com; rajshreebarad@gmail.com; gargizala@gmail.com; pp661774@gmail.com; sargarabinjal@gmail.com; anandpharmacy06@gmail.com; nikespathak1405@gmail.com

Cc: gandhi.tejal@hotmail.com

Date: Thursday, 26 October, 2023 at 03:25 pm IST

Dear All,

Training Program

on **"LABORATORY SAFETY; HAZARD MANAGEMENT, ACID DISPOSAL AND WASTE MANAGEMENT"**



"Employees who demonstrate professionalism are considered valuable by their organizations."

October 27, 2023, Friday

3:40PM onwards First Floor, RC Building

Requesting all of you to remain present during the training

Mr. Yogesh. H. Patel
Sr. Laboratory Technician

Anand Pharmacy College
Opposite Town Hall
Anand - 388 001
Gujarat INDIA
Tel: +91.2692.250020
Cell: +91.98245 86290



Summary of Training

(Green Initiative)

October 27, 2023

Working in the lab can be enjoyable, but there are also risks to be aware of. The goal of this training is to familiarize you with the hazards of the lab so that you can get your work done in a timely manner, avoid damaging expensive equipment, and most importantly avoid injuring yourself. The accumulated waste should be first sorted out and separated. For example, dry waste, Wet waste, plastics, paper waste etc., every type of waste should be separated out according to the nature of the waste product.

Training Program on "LABORATORY SAFETY: HAZARD MANAGEMENT, ACID DISPOSAL AND WASTE MANAGEMENT"

October 27, 2023, Friday

3:40PM onwards, Class Room, First Floor, RC Building

During Program, Mr.Yogesh Patel explained through PowerPoint presentation of laboratory hazard management and acid disposal. Mr.Nikesh Pathak explained regarding waste management. This training has significantly enhanced the laboratory safety and the awareness of fire safety equipment, acid disposal and handling, precaution steps, Bromine handling, chemical compatibility during waste management, biomedical waste management, Mercury handling.

Laboratory Technician



Head of the Institute



GPS Map Camera



Anand, Gujarat, India
 69/10, Sanjay Towers, Near Old Chowdi, Opp. Anand Education
 College, Windward Road, Anand, Gujarat 388001, India
 Lat 22.655315°
 Long 72.960791°
 22/10/23 04:18 PM GMT +05:30



Anand, Gujarat, India
 69/10, Sanjay Towers, Near Old Chowdi, Opp. Anand Education
 College, Windward Road, Anand, Gujarat 388001, India
 Lat 22.655315°
 Long 72.960791°
 22/10/23 03:52 PM GMT +05:30



GPS Map Camera

GPS Map Camera



Anand, Gujarat, India
 69/10, Sanjay Towers, Near Old Chowdi, Opp. Anand Education
 College, Windward Road, Anand, Gujarat 388001, India
 Lat 22.655315°
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 College, Windward Road, Anand, Gujarat 388001, India
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 22/10/23 04:18 PM GMT +05:30

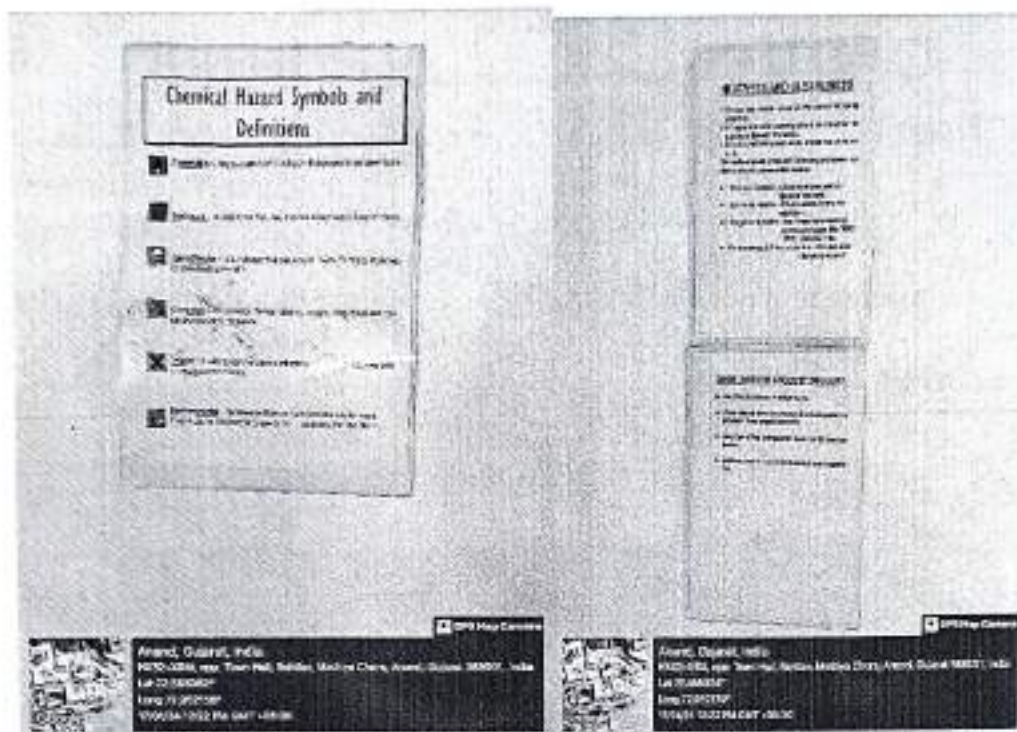




ANAND PHARMACY COLLEGE



Laboratory Safety Measures



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