

gotmare and associates
ARCHITECTS, INTERIOR DESIGNERS, GOVERNMENT VALUERS

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FINAL GREEN BUILDING AUDIT FOR EXISTING BUILDING

GREEN BUILDING AUDIT CERTIFICATE

Project name – IDEAS-Institute of Design Education & Architecture Studies

Location – Nagpur

This is to certify that the Existing Green Building Audit is done for IDEAS - Institute of Design Education & Architecture Studies, Nagpur and the team IDEAS has successfully achieved the green building standards required for sustainable and green building.

However, some strategies will be implemented within 3 months from the date of final report and the declaration for the same is attached in the report.

Note: This is not green building rating system report.



Ar. Manisha Gotmare

Environmental Architect, Green Building consultant, IGBC AP, GRIHA EB Project Auditor

Email id: manisha.gotmare@gmail.com

Phone no. 9822739072

Date – 01-05-2021



GREEN BUILDING AUDIT FOR EXISTING BUILDING GREEN BUILDING AUDIT REPORT

Project Name – IDEAS-Institute of Design Education & Architecture Studies

Location – Nagpur

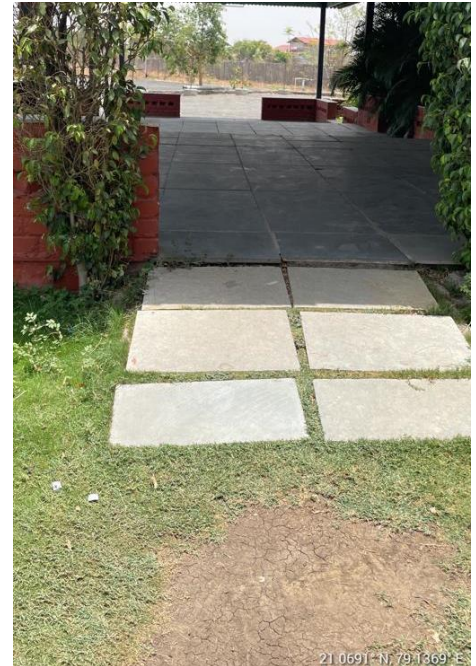
Date – 20-04-2021

1. Provide Ramp With Railing At The Entrance Of Building And Various Levels At Buildings For Differently Abled Person





RAMP 2
SLOPE 1:10



RAMP 1
SLOPE 1:16



RAMP 3
SLOPE 1:6

RAMPS ON CAMPUS

1. Provide Toilets for Differently Abled Person





TOILET FOR DIVYANGJAN



2. Provide Firefighting Equipment/Systems Which Are Halon Free

Fire extinguishers were installed in March 2020 and refilled in March 2021.

GSTIN : 27AARFV9919N1ZX		TAX INVOICE		Mob. No. 9422101162 9890081567	
V. K. ENTERPRISES					
SALES & SERVICE OF FIRE FIGHTING EQUIPMENTS					
M/S. <u>Principle IDEAS college</u> <u>Nagpur</u>			Off. : 272, SHANKAR NAGAR, NAGPUR - 440 010 PH. : 2247586, 2247271, FAX No. : 0712 - 2247271		
GSTIN			Works : L.G. Floor Shop No.9, Rajat Arcade, Wadi, NAGPUR - 440 023. E-mail : vinayakkewadkar@gmail.com		
Invoice No. <u>778</u>		Dated <u>8/3/2021</u>		Despatch through	
Challan No. <u>22</u>		Dated <u>3/3/2021</u>		Despatch to	
YOUR ORDER No.		Dated		G.R/RR. No. Dt.	
Sr. No.	DESCRIPTION	HSN Code	QTY.	RATE	AMOUNT Rs. P.
①	Refilling of CO ₂ type FE 4.5 kg.		2 NOS.	410/-	820 = 10
②	Refilling of ABC Powder FE 6 kg.		6 NO.	390/-	2340 = 10
③	Refilling of water CO ₂ type FE		1 NO.	180/-	180 = 10
④	ABC 2 kg FE		3 NO.	290/-	870 = 10
<p style="text-align: center;">Pamukdas 8/3/2021</p> <p style="text-align: center;">say 4967/-</p>			Total Amount before Tax		4210 = 10
			Add : CGST		378 = 10
			Add : SGST		378 = 10
			Add : IGST		
			Total Tax Amount		
Rs. <u>four thousand nine hundred sixty seven</u>			Total Amount after Tax		4967 = 80
<p>TERMS : (1) Subject to Nagpur Jurisdiction (2) No responsibility is taken for loss in transit (3) Interest @ 20 % per annum will be charged from the date of invoice, if the payment is not received on due date.</p>					
Bank Details : V. K. Enterprises		Bank Details : V. K. Enterprises			
Bank A/c. : 36905823283		Bank A/c. : 1166800057			
Bank IFSC : SBIN0014725		Bank IFSC : CBIN0280691			

Invoice for refilling of fire extinguishers



Co2 Type



ABC Type



Water CO2



FIRST FLOOR PLAN



GROUND FLOOR PLAN

FLOOR PLANS SHOWING PLACEMENT OF FIRE CYLINDERS EXTINGUISHERS INDICATED IN ●

The Institute uses 100% solar energy and export excess to grid. It generates

Reading Date	KWH	KVAH	RKVAH (LAG)	RKVAH (LEAD)	KW (MD)	KVA (MD)
Current 31-05-2021	38894.000	39348.800	2602.600	11276.400	4.280	4.280
Previous 30-04-2021	38387.800	38842.600	2600.200	11137.400		
Difference	506.200	506.200	2.400	139.000		
Multiplying Factor	1.000	1.000	1.000	1.000	1.000	1.000
Consumption	146.000	506.000	2.000	139.000	4.000	4.000
LT Metering	0.000	0.000	0.000	0.000	0.000	0.000
Adjustment	0.000	0.000	0.000	0.000	0.000	0.000
Assessed Consump	0.000	0.000	0.000	0.000	0.000	0.000
Total Consumption	146.000	506.000	2.000	139.000	4.000	4.000

BILLING DETAILS					
Billed Demand (KVA)	12	@ Rs.	415	Demand Charges	4,980.00
Assessed P.F.		Avg. P.F.	0.960	Wheeling Charge @ 01.38	201.48
Billed P.F.	0.960	L.F.		Energy Charges	1,575.34
Consumption Type	Units	Rate	Charges Rs.	TOD Tariff EC	160.60
Industrial	0	00.00	00.00	FAC @ 00.00 Ps/U	00.00
Residential	0	00.00	00.00	Electricity Duty (00.00 %)	00.00
Commercial	146	10.79	1,575.34	other charges	00.00
E.D. on(Rs)	Rate %	Amount Rs.		Tax on Sale @ 19.04 Ps/U	27.80
0.00	0	0.00		P.F. Penal Charges/P.F. Inc.	-34.59
00.00	0	0.00		Charges For Excess Demand	00.00
6,917.42	0	0.00		Debit Bill Adjustment	00.00
TOD Zone	Rate	Units	Demand	Charges Rs.	TOTAL CURRENT BILL
2200 Hrs-0600 Hrs	-01.50	0	4.00	0.00	6,910.63
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs	00.00	0	4.00	0.00	Current Interest 10-06-2021
0900 Hrs - 1200 Hrs	00.80	0	2.00	0.00	0.00
1800 Hrs-2200 Hrs	01.10	146	4.00	160.60	Principle Arrears
Amount in Words	ONLY				-1,05,441.56
					Interest Arrears
					0.00
					Total Bill (Rounded) Rs.
					-98,530.00
					Delayed Payment Charges Rs.
					0.00
					Amount Payable 29-06-2021 After
					Amount Rounded to Nearest Rs.(10/-)
					0.00

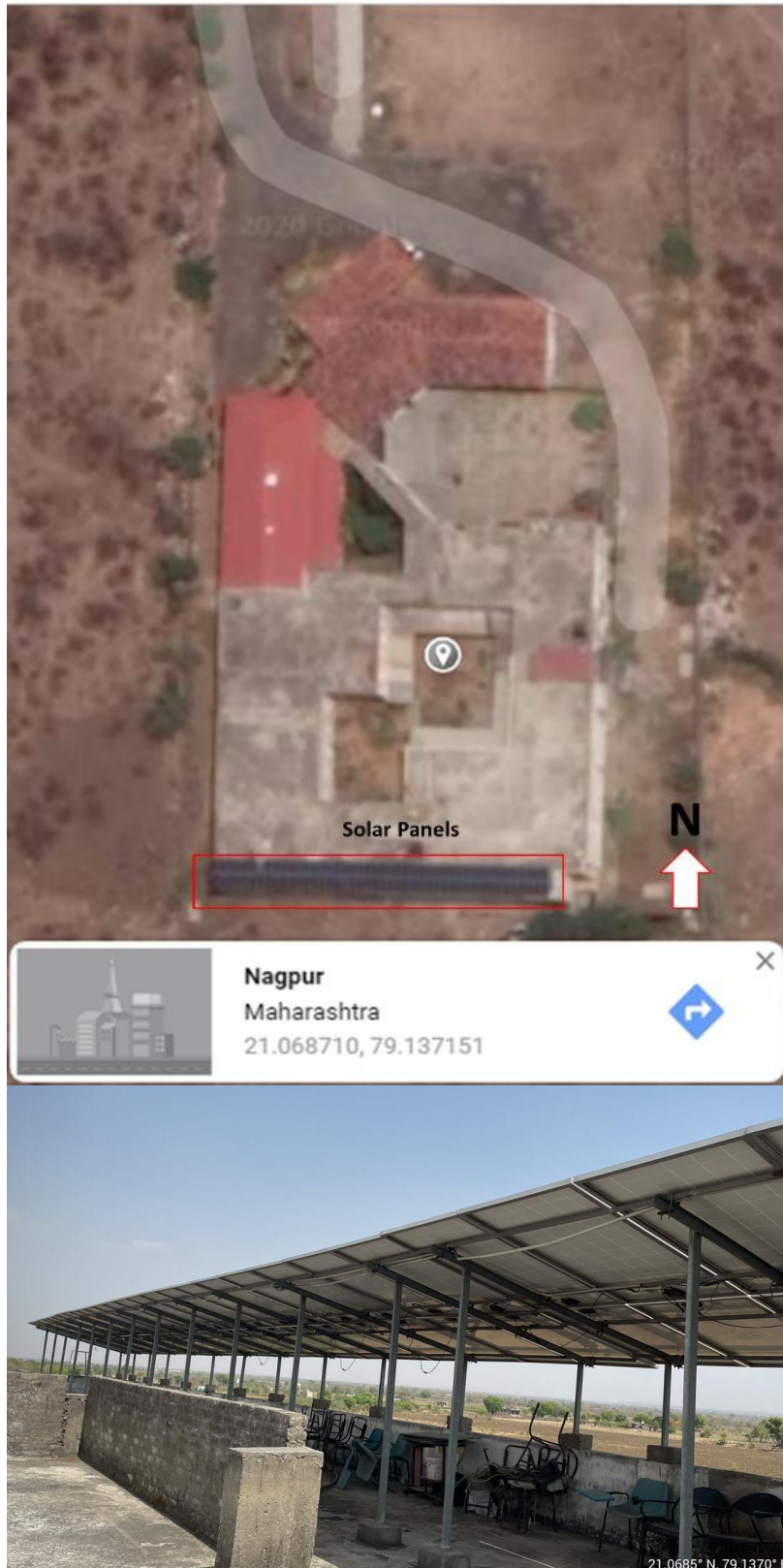
SOLAR NET METERING UNIT DETAILS									
SOLAR TARIFF	IMPORT		EXPORT		GENERATION				
	Units	Rate	Units	Rate	Units	Rate			
0000 Hrs-0600 Hrs & 2200 Hrs-2400 Hrs	9,447.60	9,132.60	315.00	04.20	04.20	00.00			
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs	18,993.20	18,951.60	42.00	42,768.60	40,889.80	1,879.00			
0900 Hrs - 1200 Hrs	4,959.60	4,957.20	02.00	28,417.60	27,171.00	1,247.00			
1800 Hrs-2200 Hrs	5,493.60	5,346.40	147.00	33.80	32.80	01.00			
TOTAL	38,894.00	38,387.80	506.00	71,224.20	68,097.80	3,126.00			
Offset: 360.00		Previous Banked: 2,449.00		Current Banked: 5,216.00		Billed: 146.00			

Message:
Solar Rooftop banking unit credit adjustments of Rs. 111336.52 Included in this bill.
Your mobile number is 94*****21 For updation/registration of mobile number use Mahadiscom website or Mobile App or send sms to 9930399303 as follows MREG 410015268721.
DIGITAL PAYMENT DISCOUNT OF Rs. 0
In case of energy bill paid through NEFT / RTGS, date of amount credited in MSEDC bank account will be considered as bill payment date.
As per MERC order for Case No 322 of 2019 revised Cheque Bounce charges of Rs. 750 plus GST or Bank charges whichever is higher will be applicable from 01 April 2020.
Message: Rooftop Solar Units:-Export:+00003127,Import:506,Adjusted:+00000360,Bank:+00005216/Please refer copy of the bill for details./
As per Income Tax provision vide section 269 ST cash receipt of Rs.2.00 lakhs and above will not be accepted by MSEDC against any type of Payment.
As per MTR order (322/2019) revised tariff for FY 2021-22 is effective from 01.04.2021.
Prompt Payment Discount: Rs. 0.00 , if bill is paid on or before 24-06-2021 .

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

Collection Hours : 10-30 to 18-30 Hours (Except on Bank Holidays, Sundays, 2nd and 4th Saturdays)

ELECTRIC BILL SHOWINGS SOLAR ENERGY GENERATION, EXPORT, AND IMPORT



Location and photos of solar panels installed on terrace of institute

4. Provide parking for differently abled person near building entrance



Divyangjan Parking Location On Plan And Photo


5. Provide no smoking signage




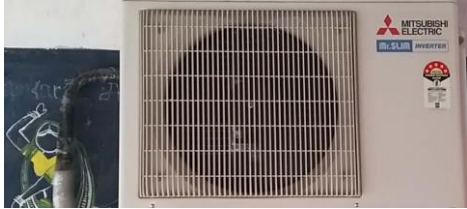


NO SMOKING SIGN LOCATED AT ENTRANCE

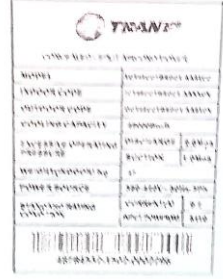
6. Use CFC/HCFC Refrigerants And Phase Out Refrigerant, Which Has Ozone-Depleting Potential

1	Computer Lab		<div><div>SPLIT AIR CONDITIONER</div><table><tr><td>Model</td><td colspan="3">FLS19A3C</td></tr><tr><td>Refrigerant</td><td colspan="3">R22/1300g</td></tr><tr><td rowspan="2">Excessive Operating Pressure</td><td>Discharge</td><td colspan="2">2.45MPa</td></tr><tr><td>Suction</td><td colspan="2">0.7MPa</td></tr><tr><td>Weight (Outdoor)</td><td colspan="3">38kg</td></tr><tr><td>Power Source</td><td colspan="3">230V/50-Hz</td></tr><tr><td>Rated Current</td><td colspan="3">13.0A</td></tr><tr><td>Rated Input</td><td colspan="3">2400W</td></tr></table><div>LLoyD</div></div>	Model	FLS19A3C			Refrigerant	R22/1300g			Excessive Operating Pressure	Discharge	2.45MPa		Suction	0.7MPa		Weight (Outdoor)	38kg			Power Source	230V/50-Hz			Rated Current	13.0A			Rated Input	2400W																									
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7a	Staff Room 1		
7b	Staff Room 1		
8a	Staff Room 1		
8b	Staff Room 1		

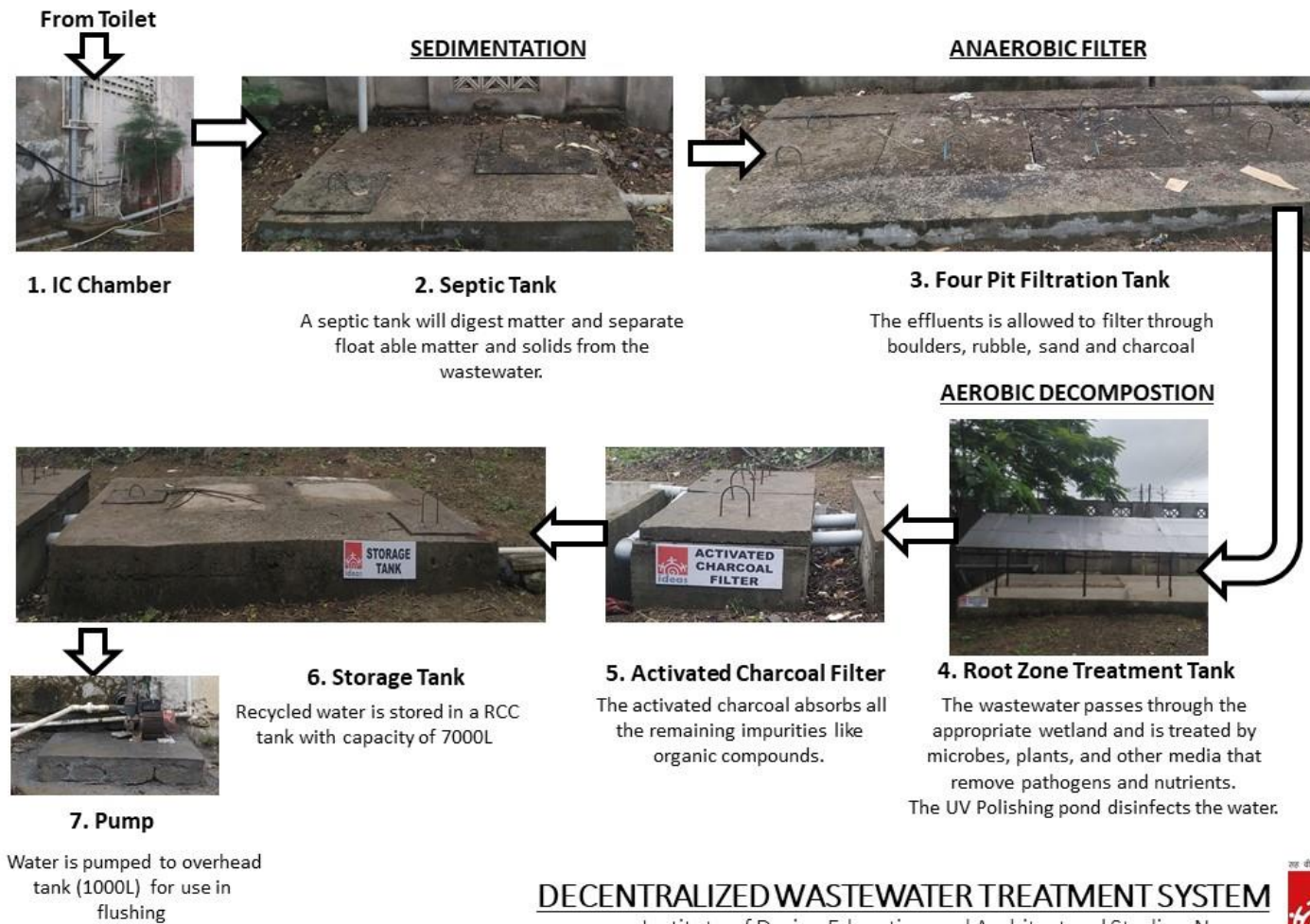
9a	NAAC Room		<p>MITSUBISHI ELECTRIC <H> ROOM AIR CONDITIONER MODEL MUY-GN18VF SERVICE REF. MUY-GN18VF - (B)</p> <p>VOLTAGE 230 V PHASE ~N FREQUENCY 50 Hz IP CODE IP24 REFRIGERANT R32 1.50 kg NET WEIGHT 32 kg LP SHIP PS 2.77/4.17 MPa</p> <p>FUNCTION COOLING CAPACITY kW 5.2 INPUT (SET) kW 1.43 RATED CURRENT (SET) A 6.6 RATING CONDITION INDOOR 27/19 DBWB °C OUTDOOR 35/24</p> <p>MITSUBISHI ELECTRIC CORPORATION YEAR OF MANUFACTURE 2020.10 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700408 MOO 7, TAMBON DON HUA ROH, AMPHUR MUANG, CHONBURI 20000, THAILAND SERIAL NO. 0012502 T MADE IN THAILAND VG79J355H17</p>
9b	NAAC Room		<p>MITSUBISHI ELECTRIC <H> ROOM AIR CONDITIONER MODEL MSY-GN18VF SERVICE REF. MSY-GN18VF - (B)</p> <p>VOLTAGE 230 V NET WEIGHT 12.5 kg PHASE ~N HP PS 4.17 MPa FREQUENCY 50 Hz INPUT (INDOOR ONLY) 46 W IP CODE IP20 RATED CURRENT (INDOOR ONLY) 0.50 A REFRIGERANT R32</p> <p>MITSUBISHI ELECTRIC CORPORATION YEAR OF MANUFACTURE 2020.10 SERIAL NO. 0013261 T >PET< MADE IN THAILAND VG79J459H01</p>
10a	NAAC Room		<p>MITSUBISHI ELECTRIC <H> ROOM AIR CONDITIONER MODEL MSY-GN18VF SERVICE REF. MSY-GN18VF - (B)</p> <p>VOLTAGE 230 V NET WEIGHT 12.5 kg PHASE ~N HP PS 4.17 MPa FREQUENCY 50 Hz INPUT (INDOOR ONLY) 46 W IP CODE IP20 RATED CURRENT (INDOOR ONLY) 0.50 A REFRIGERANT R32</p> <p>MITSUBISHI ELECTRIC CORPORATION YEAR OF MANUFACTURE 2021.05 SERIAL NO. 1008008 T >PET< MADE IN THAILAND VG79J459H01</p>
10b	NAAC Room		<p>MITSUBISHI ELECTRIC <H> ROOM AIR CONDITIONER MODEL MUY-GN18VF SERVICE REF. MUY-GN18VF - (B)</p> <p>VOLTAGE 230 V PHASE ~N FREQUENCY 50 Hz IP CODE IP24 REFRIGERANT R32 1.50 kg NET WEIGHT 32 kg LP SHIP PS 2.77/4.17 MPa</p> <p>FUNCTION COOLING CAPACITY kW 5.2 INPUT (SET) kW 1.43 RATED CURRENT (SET) A 6.6 RATING CONDITION INDOOR 27/19 DBWB °C OUTDOOR 35/24</p> <p>MITSUBISHI ELECTRIC CORPORATION YEAR OF MANUFACTURE 2021.05 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700408 MOO 7, TAMBON DON HUA ROH, AMPHUR MUANG, CHONBURI 20000, THAILAND SERIAL NO. 1008043 T MADE IN THAILAND VG79J355H17</p>

11a	Auditorium		
11b	Auditorium		
11c	Auditorium		
12a	Lecture Room 1		

12b	Lecture Room 1		
13a	Lecture Room 2		
13b	Lecture Room 2		
14a	Lecture Room 3		
14b	Lecture Room 3		

15a	Lecture Room 4		
15b	Lecture Room 4		
16a	Lecture Room 5		
16b	Lecture Room 5		

7. Wastewater treatment and recycle if the number of building users are above 500DEWAT System -The waste water from toilets is passed through three stages before storage and is again filtered for reuse



DECENTRALIZED WASTEWATER TREATMENT SYSTEM
Institute of Design Education and Architectural Studies, Nagpur



FILTER AND STORAGE TANK



OVERHEAD STORAGE TANK

8. Install Energy Meter At Building Level To Monitor The Energy Consumption



9. Install Water Meter At Building Level To Monitor The Water Consumption



10. Garbage Segregation, Collection and Disposal

Wet waste from the kitchen is composted and the manure that it yields is used in landscape areas.

Dry leaves are composted using Nadep method

Dry waste from classrooms, staff rooms and office are segregated.

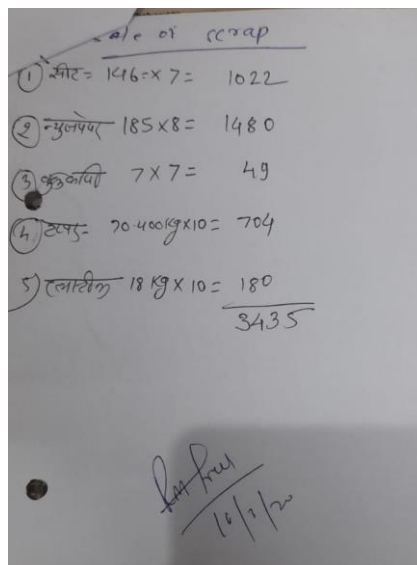
- Paper and sheets are sold to identified agency for recycling.
- Single side paper is used for rough work.
- Rest of dry waste is sent to landfill
- Sanitary napkins are burnt in incinerator

Kitchen waste was not generated during the lockdown period.



DRY LEAVES ARE COMPOSTED USING THE NADEP METHOD IN A TWO CHAMBER PIT

Paper waste is sold to recycler but due to online classes paper was not generated during 2020-21 period.



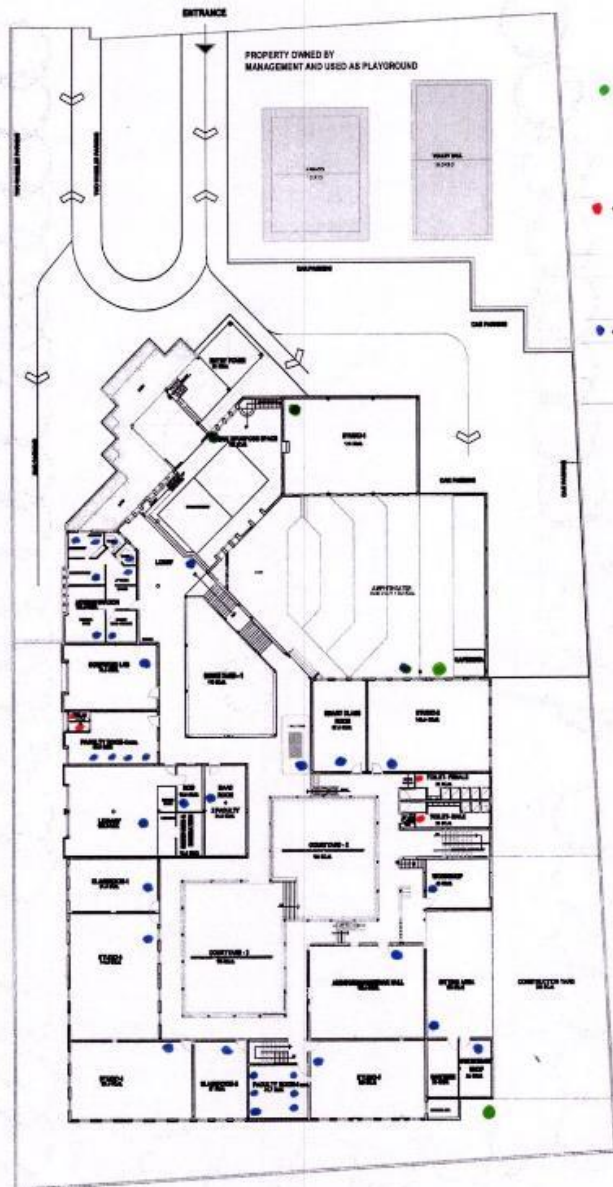
USED PAPER SOLD TO IDENTIFIED AGENCY FOR RECYCLING IN MARCH 2020



INCINERATOR IN GIRLS' TOILET

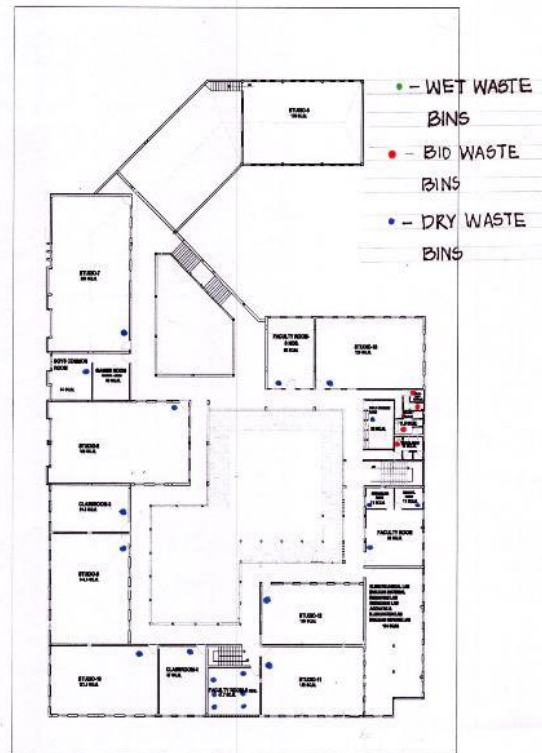
11. Install Multi-Coloured Bins At Each Floor To Segregate Waste At Site





- - WET WASTE BINS
- - BIO-WASTE BINS
- - DRY WASTE BINS

GROUND FLOOR PLAN SHOWING WASTE BINS

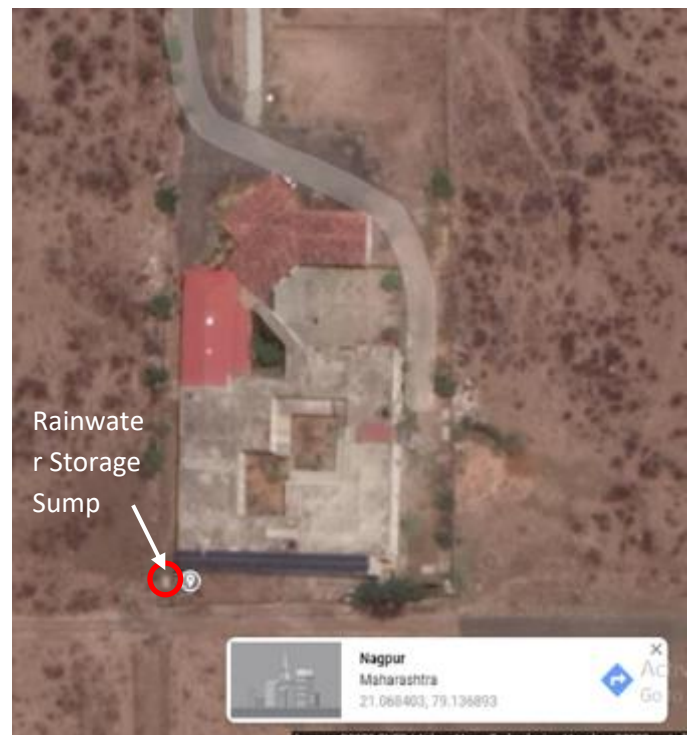


1st FLOOR PLAN SHOWING WASTE BINS

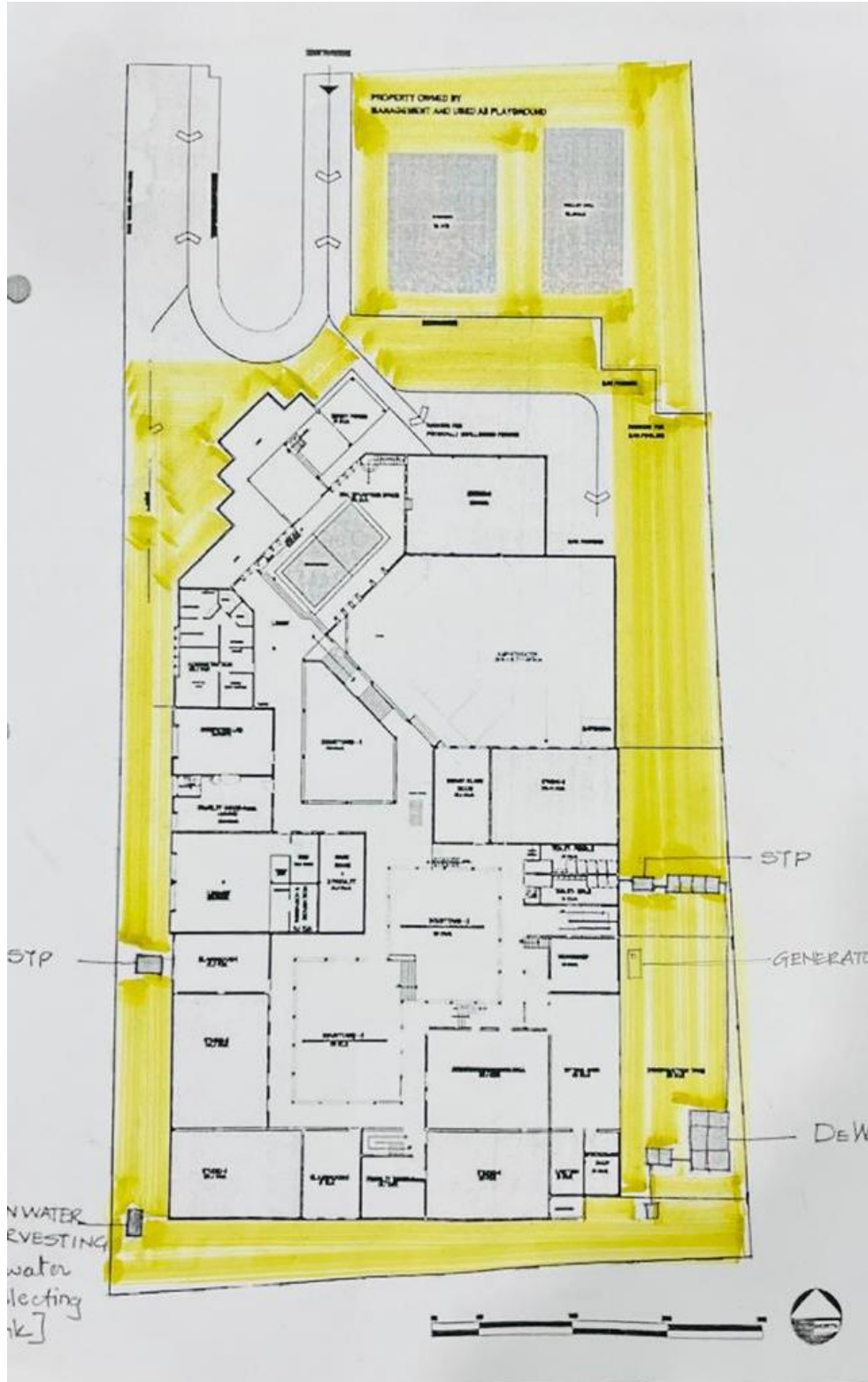
12. Install Rainwater Harvesting System On Site, Either For Storage Or Recharging The Ground Water Table, If admissible

Spouts and rainwater pipes allow the rainwater from the terrace to fall into the courtyard where it is soaked into the ground. Benefits derived through this system are: i) tube well recharging and ii) rise in water table. The institute draws water from the tube well for daily use.

At present a sump tank of capacity 4100 liters is constructed at south west corner of the campus to store rainwater for reuse in watering plants and cleaning. The institute has planned to increase the system in phases.



The maximum area around the periphery of the building is softscape i.e 92% and rest 8% is hardscape(roads) which helps in ground infiltration of ground water.



PLAN SHOWING SOFTSCAPE AREA OF CAMPUS RENDERED IN YELLOW

13. Provide Water Efficient Fixtures And Faucets

Indian WCs are installed. Taps are fitted with aerators.



14. Install Energy Efficient Lighting Fixtures – LED Tubes And Light

I.D.E.A.S. (2020-21)
 Outer Ring Road, Junction Point
 Hudkeshwar Bujurg,
 Nagpur.

Journal Voucher

No. : **652** Dated : **10-Feb-2021**

Particulars		Debit	Credit
Repair & Maintenance	Dr	2,580.00	
To NEERAJ LIGHT SHOPPEE			2,580.00
		₹ 2,580.00	₹ 2,580.00

On Account of :
 BEING AMOUNT PAYABLE TO NEERAJ
 LIGHT SHOPPEE TOWARDS SUPPLY OF
 LIGHT 9 W-MG & 5W-MG & 20 W-65000K
 AS PER TAX INVOICE NO NLS20
 -2116254 DATED 10-2-2021 FOR
 CONFERENCE ROOM

Authorised Signatory

33% Of Lighting In Campus Is light-emitting diode (LED)

LIST OF LIGHTS IN CAMPUS 2021			
ROOMS	Tubelights NOS.	LED NOS.	CFL NOS.
STUDIO 1	24		
STUDIO 2	12		
STUDIO 3	11		
STUDIO 4	13		
STUDIO 5	11		
STUDIO 6	2	2	
STUDIOS	12		
STUDIO 9	24		
STUDIO 10	13		
STUDIO 11	15		
STUDIO 12	12		
STUDIO 13	13		
AV ROOM 1	4	4	8
AV ROOM 2	4	4	
AV ROOM 3	2	2	
AV ROOM 4	4		
AV ROOM 5	7		
WORKSHOP	6		
SURVEY LAB	0	36	
		18	
GIRLS COMMON ROOM	4		
GIRLS WASHROOM	2		
BOYS WASHROOM	1		
FACULTY LOUNGE	7		
M.ARCH 1	0	8	
M.ARCH 2	0	12	
M.ARCH STUDIO	0	7	
Ground floor corridor	7	11	
First floor corridor	21	0	
STAFFROOM 1	3	1	4
	2		
STAFFROOM 2	10		
STAFFROOM 3	7		
STAFFROOM 4	6		
COMPUTER ROOM	0	4	
LIBRARY	0	8	5
OFFICE	0	5	2
M.K.G.'s CABIN	3	0	2
A. V. P.'s CABIN	0	1	2
		4	
U. C.G.'s CABIN	0	1	2
ENTRANCE LOBBY	0	4	
O. A.T.	0	10	
PORCH	4		
NAAC ROOM	4		
1ST FLOOR WASHROOM		6	
	270	148	25

Total number of lighting fixtures	443
Total number of LED lighting fixtures	148
Percentage of lightening met through LED	33%

LIST OF LIGHTS ON CAMPUS



Invoice Of LED Lights Added/Replaced In 2020-21



TAX INVOICE

NEERAJ LIGHT SHOPPEE

UMMA APARTMENT BEHIND, KARAMVEER BOOK DEPO
MAHAL NAGPUR - MAHARASHTRA, MOBILE NO. +91-9146232500
GSTIN : 27BWGPA9207G1ZO
email : neerajlightshoppee@gmail.com

Duplicate Copy

Party Details :
IDEAS COLLEGE

Party E-Mail ID :
Party Mobile No :
GSTIN / UIN :

Invoice No. : NLS/20-21/6254
Date : 10-02-2021
Place of Supply : Maharashtra (27)
Reverse Charge : N
Salesman Name : LEELADHAR JIVANAPOLKAR
GR/RR No. :
Transport :
Vehicle No. :
Station :

S.N.	Description of Goods	HSN/SAC Code	Qty.	Unit	List Price	Discount	Price	CGST Rate	CGST Amount	SGST Rate	SGST Amount	Amount(₹)
1.	SSK -SRL-9W-MG	8539	5.00	Pcs.	80.00	10.72 %	71.42	6.00 %	21.43	6.00 %	21.43	399.96
2.	SSK -SRL-5W-MG	8539	6.00	Pcs.	75.00	10.72 %	66.96	6.00 %	24.11	6.00 %	24.11	449.98
3.	SSK-SQ2001-20W-65000k	9405	10.00	Pcs.	173.00	10.72 %	154.45	6.00 %	92.67	6.00 %	92.67	1,729.84

Add : Rounded Off (+)

2,579.78
0.22

Grand Total 21.00 Pcs.

₹ 2,580.00

HSN/SAC	Tax Rate	Taxable Amt.	CGST Amt.	SGST Amt.	Total Tax
8539	12%	758.86	45.54	45.54	91.08
9405	12%	1,544.50	92.67	92.67	185.34
Totals		2,303.36	138.21	138.21	276.42

Rupees Two Thousand Five Hundred Eighty Only

Bank Details: CANARA BANK , BADKAS CHOWK- NAGPUR
A/C No. - 1084201012327 IFSC CODE - CNRB0001084

Terms & Conditions

E.& O.E.

1. Goods once sold will not be taken back.
2. Interest @ 18% p.a. will be charged if the payment is not made within the stipulated time.
3. Subject to 'NAGPUR' Jurisdiction only.
4. CHEQUE BOUNCING CHARGES Rs.500/-

Receiver's Signature :

For NEERAJ LIGHT SHOPPEE

Authorised Signatory


11/2/2021

*Correct 18/2/21.
Issue cheque
of total balance
of Bill Amount.*





: 27660715348V		CST No.: 27660715348C							
<< TAX INVOICE >> PAREKH COMMUNICATION SHIV SADAN COMPLEX, PAREKH COMPOUND, OPP.LIFE CARE HOSPITAL FIRE BRIGADE ROAD, LAKADGANJ, NAGPUR 440008. Tel. : 0712-2725005, 3244432, 9326005400 email : zulkifl@parekhgroup.org									
Party Details : Ideas Institute of Design Education, Hudkeshwar Outer Ring Road Nagpur 09823097688 Party TIN :		Invoice No. : L-808 Dated : 13-09-2016 (03:45 PM) Delivery Address :							
S.N.	Description of Goods	Qty.	Unit	List Price	Discount	Price	VAT %	VAT Amt.	Amount(Rs.)
1.	SSK-PA2344E-6000K Led Panel Light (Round) 8W, 6000K	4	Pcs.	657.00	0.00 %	584.00	12.50 %	292.00	2,628.00
Grand Total									2,628.00
4 Pcs.									2,628.00
Sale @12.5% = 2,336.00 VAT = 292.00 Rupees Two Thousand Six Hundred Twenty Eight Only									
DECLARATION "I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax 2002 is in force on the date on which The sale of goods specified in this Tax Invoice is made by me/us and that the transaction of sale covered by this Tax Invoice has Been effected by me/us and it shall be accounted for turnover of sales which filing of the return and the due tax. If any payable On the sale has been paid shall be paid									
Terms & Conditions E.& O.E. 1. Goods once sold will not be taken back. 2. Subject to 'Nagpur' Jurisdiction only. 3. This is a computer generated invoice and hence It doesn't need any signature.					Receiver's Signature : <div style="text-align: right;"> For PAREKH COMMUNICATION  Authorised Signatory </div>				




IN : 27660715348V		CST No.: 27660715348C							
<< TAX INVOICE >> PAREKH COMMUNICATION SHIV SADAN COMPLEX, PAREKH COMPOUND, OPP. LIFE CARE HOSPITAL FIRE BRIGADE ROAD, LAKADGANJ, NAGPUR 440008. Tel : 0712-2725005, 3244432, 9326005400 email : zulkifli@parekhgroup.org									
Party Details : Ideas Institute of Design Education, Hudkeshwar Outer Ring Road Nagpur 09823097688 Party TIN :		Invoice No. : L-846 Dated : 19-09-2016 (04:53 PM) Delivery Address : : : : :							
S.N.	Description of Goods	Qty.	Unit	List Price	Discount	Price	VAT %	VAT Amt.	Amount(Rs.)
1.	SSK CL-R-2W - C 3000K Led Cabinet Light 2W Round Clear 3000k	6	Pcs.	174.00	0.00 %	153.30	13.50 %	124.18	1,044.00
									1,044.00
Grand Total 6 Pcs.									1,044.00
Sale @13.5%=919.82 VAT=124.18 Rupees One Thousand Forty Four Only									
DECLARATION "I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax 2002 is in force on the date on which The sale of goods specified in this Tax Invoice is made by me/us and that the transaction of sale covered by this Tax Invoice has Been effected by me/us and it shall be accounted for turnover of sales which filling of the return and the due tax. If any payable On the sale has been paid shall be paid									
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IN : 27660715348V		CST No.: 27660715348C							
<< TAX INVOICE >> PAREKH COMMUNICATION SHIV SADAN COMPLEX, PAREKH COMPOUND, OPP.LIFE CARE HOSPITAL FIRE BRIGADE ROAD, LAKADGANJ, NAGPUR 440008. Tel. : 0712-2725005, 3244432, 9326005400 email : zulkifl@parekhgroup.org									
Party Details : Ideas Institute of Design Education, Hudkeshwar Outer Ring Road Nagpur 09823097688 Party TIN :		Invoice No. : L-852 Dated : 19-09-2016 (07:01 PM) Delivery Address : : : : : :							
S.N.	Description of Goods	Qty.	Unit	List Price	Discount	Price	VAT %	VAT Amt.	Amount(Rs.)
1.	SSK-PA2344E-6000K Led Panel Light (Round) 8W, 6000K	10	Pcs.	657.00	0.00 %	578.86	13.50 %	781.45	6,570.00
 Grand Total 10 Pcs.									6,570.00
Sale @13.5%=5,788.55 VAT=781.45 Rupees Six Thousand Five Hundred Seventy Only									
DECLARATION "I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax 2002 is in force on the date on which The sale of goods specified in this Tax Invoice is made by me/us and that the transaction of sale covered by this Tax Invoice has Been effected by me/us and it shall be accounted for turnover of sales which filing of the return and the due tax. If any payable On the sale has been paid shall be paid									
Terms & Conditions E.& O.E. 1. Goods once sold will not be taken back. 2. Subject to 'Nagpur' Jurisdiction only. 3. This is a computer generated invoice and hence It doesn't need any signature.						Receiver's Signature : <div style="text-align: right;"> For PAREKH COMMUNICATION:  Authorised Signatory </div>			

TIN : 27660715348V		<< TAX INVOICE >>		CST No.: 27660715348C																																					
PAREKH COMMUNICATION SHIV SADAN COMPLEX, PAREKH COMPOUND, OPP.LIFE CARE HOSPITAL FIRE BRIGADE ROAD, LAKADGANJ, NAGPUR 440008. Tel. : 0712-2725005, 3244432, 9326005400 email : zulkiif@parekhgroup.org																																									
Party Details : Ideas Institute of Design Education, Hudkeshwar Outer Ring Road Nagpur 09823097688 Party TIN :			Invoice No. : L-1156 Dated : 26-10-2016 (12:35 PM) Delivery Address : : : : :																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">S.N.</th> <th style="width: 40%;">Description of Goods</th> <th style="width: 10%;">Qty. Unit</th> <th style="width: 10%;">List Price</th> <th style="width: 10%;">Discount</th> <th style="width: 10%;">Price</th> <th style="width: 5%;">VAT %</th> <th style="width: 10%;">VAT Amt.</th> <th style="width: 10%;">Amount(Rs.)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>SSK-SDCR-8W-640BK-WHT</td> <td>9 Pcs.</td> <td>950.00</td> <td>0.00 %</td> <td>837.00</td> <td>13.50 %</td> <td>1,016.96</td> <td>8,550.00</td> </tr> <tr> <td colspan="8" style="text-align: right;"> <div style="position: relative; height: 150px;"> <div style="position: absolute; top: 10px; left: 10px; font-size: 2em;">OK</div> <div style="position: absolute; top: 50px; left: 10px; font-size: 1.5em;">26/10/2016</div> <div style="position: absolute; bottom: 10px; left: 10px; font-size: 2em;">OK</div> </div> </td> <td>8,550.00</td> </tr> <tr> <td colspan="8" style="text-align: right;">Grand Total</td> <td>8,550.00</td> </tr> </tbody> </table>						S.N.	Description of Goods	Qty. Unit	List Price	Discount	Price	VAT %	VAT Amt.	Amount(Rs.)	1.	SSK-SDCR-8W-640BK-WHT	9 Pcs.	950.00	0.00 %	837.00	13.50 %	1,016.96	8,550.00	<div style="position: relative; height: 150px;"> <div style="position: absolute; top: 10px; left: 10px; font-size: 2em;">OK</div> <div style="position: absolute; top: 50px; left: 10px; font-size: 1.5em;">26/10/2016</div> <div style="position: absolute; bottom: 10px; left: 10px; font-size: 2em;">OK</div> </div>								8,550.00	Grand Total								8,550.00
S.N.	Description of Goods	Qty. Unit	List Price	Discount	Price	VAT %	VAT Amt.	Amount(Rs.)																																	
1.	SSK-SDCR-8W-640BK-WHT	9 Pcs.	950.00	0.00 %	837.00	13.50 %	1,016.96	8,550.00																																	
<div style="position: relative; height: 150px;"> <div style="position: absolute; top: 10px; left: 10px; font-size: 2em;">OK</div> <div style="position: absolute; top: 50px; left: 10px; font-size: 1.5em;">26/10/2016</div> <div style="position: absolute; bottom: 10px; left: 10px; font-size: 2em;">OK</div> </div>								8,550.00																																	
Grand Total								8,550.00																																	
Sale @13.5%=7,533.04 VAT=1,016.96 Rupees Eight Thousand Five Hundred Fifty Only																																									
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TIN : 27660715348V		CST No.: 27660715348C	
<< TAX INVOICE >> PAREKH COMMUNICATION SHIV SADAN COMPLEX, PAREKH COMPOUND, OPP.LIFE CARE HOSPITAL FIRE BRIGADE ROAD, LAKADGANJ, NAGPUR 440008. Tel : 0712-2725005, 3244432, 9326005400 email : zulkiff@parekhgroup.org			
Party Details : Ideas Institute of Design Education, Hudkeshwar Outer Ring Road Nagpur 09823097688 Party TIN :		Invoice No. : L-1242 Dated : 05-11-2016 (01:31 PM) Delivery Address : : : : :	
S.N.	Description of Goods	Qty. Unit	List Price Discount Price VAT % VAT Amt. Amount(Rs.)
1.	SSK BH-9W-6500K	3 Pcs.	765.00 0.00 % 765.00 13.50 % 309.82 2,604.82
			2,604.82 0.18 Add : Rounded Off (+)
Grand Total		3 Pcs.	2,605.00
Sale @13.5%=2,295.18 VAT=309.82 Rupees Two Thousand Six Hundred Five Only			
DECLARATION "I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax 2002 is in force on the date on which The sale of goods specified in this Tax Invoice is made by me/us and that the transaction of sale covered by this Tax Invoice has Been effected by me/us and it shall be accounted for turnover of sales which filing of the return and the due tax. If any payable On the sale has been paid shall be paid			
Terms & Conditions E.&O.E. 1. Goods once sold will not be taken back. 2. Subject to 'Nagpur' Jurisdiction only. 3. This is a computer generated invoice and hence It doesn't need any signature.		Receiver's Signature : For PAREKH COMMUNICATION  Authorised Signatory	



: 27660715348V		CST No.: 27660715348C							
<< TAX INVOICE >> PAREKH COMMUNICATION SHIV SADAN COMPLEX, PAREKH COMPOUND, OPP.LIFE CARE HOSPITAL FIRE BRIGADE ROAD, LAKADGANJ, NAGPUR 440008. Tel. : 0712-2725005, 3244432, 9326005400 email : zulkifl@parekhgroup.org									
Party Details : Ideas Institute of Design Education, Hudkeshwar Outer Ring Road Nagpur 09823097688 Party TIN :		Invoice No. : L-1369 Dated : 22-11-2016 (06:22 PM) Delivery Address : : : : :							
S.N.	Description of Goods	Qty.	Unit	List Price	Discount	Price	VAT %	VAT Amt.	Amount(Rs.)
1.	SSK RB 4501 6500K-B22	4	Pcs.	1,148.00	0.00 %	1,148.00	6.00 %	275.52	4,867.52
									4,867.52
Add. : Rounded Off (+)									0.48
Grand Total 4 Pcs.									4,868.00
Sale @6%=4,592.48 VAT=275.52 Rupees Four Thousand Eight Hundred Sixty Eight Only									
DECLARATION "I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax 2002 is in force on the date on which The sale of goods specified in this Tax Invoice is made by me/us and that the transaction of sale covered by this Tax Invoice has Been effected by me/us and it shall be accounted for turnover of sales which filling of the return and the due tax. If any payable On the sale has been paid shall be paid									
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Swargiya Jagannath Jattewar Shikshan Sanstha , Nagpur
Institute of design education & architectural studies , Nagpur
 EXISTING GREEN BUILDING AUDIT REPORT

27660715348V CST No.: **27660715348C**

<< TAX INVOICE >>

PAREKH COMMUNICATION
 SHIV SADAN COMPLEX, PAREKH COMPOUND, OPP. LIFE CARE HOSPITAL
 FIRE BRIGADE ROAD, LAKADGANJ, NAGPUR 440008.

L-1709

Ideas Institute of Design Education,
 Hudkeshwar Outer Ring Road
 Nagpur
 09823097688

Invoice No. : L-1709
 Dated : 10-01-2017 (12:15 PM)
 Delivery Address :

Party TIN :

S.N.	Description of Goods	Qty.	Unit	List Price	Discount	Price	VAT %	VAT Amt.	Amount(Rs.)
1.	SSK BH-9W-6500K	7	Pcs.	765.00	0.00 %	765.00	13.50 %	722.92	6,077.92
2.	SSK SKE-8B BW-5700K	10	Pcs.	566.04	0.00 %	566.04	6.00 %	339.62	6,000.02
Grand Total									12,077.94
									0.06
									12,078.00

12/11/2017

Forwarded for payment

6077/-

6077/-

12,077.94
0.06
12,078.00

Grand Total 17 Pcs.

Sale @13.5%=5,355.03 VAT=722.92 @6%=5,660.43 VAT=339.62 Total Sale=11,015.46 VAT=1062.54

Rupees Twelve Thousand Seventy Eight Only

DECLARATION

"I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax 2002 is in force on the date on which the sale of goods specified in this Tax Invoice is made by me/us and that the transaction of sale covered by this Tax Invoice has been effected by me/us and it shall be accounted for turnover of sales which filling of the return and the due tax. If any payable on the sale has been paid shall be paid"

Terms & Conditions
 E & O.E.
 1. Goods once sold will not be taken back.
 2. Subject to 'Nagpur' Jurisdiction only.
 3. This is a computer generated invoice and hence, it doesn't need any signature.

Receiver's Signature :

For PAREKH COMMUNICATION
[Signature]
Authorised Signatory



LED lights in Administration



LED lights in Office



LED lights in staffroom



LED lights in Director's Office



LED lights in Principal's Office



LED lights in Computer room



LED lights in Auditorium



LED lights in Computer Room










LED lights in Conference Room


15. Install Energy Efficient Cooling System And Appliances- BEE Star Rated



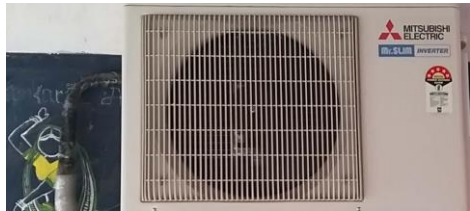


No.of Air conditioners installed –



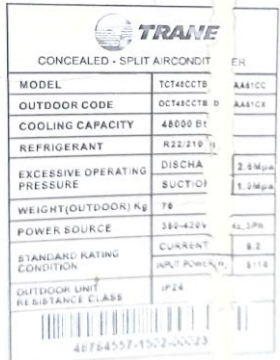
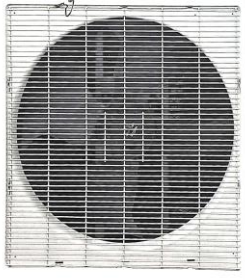

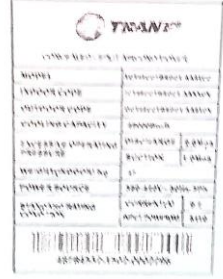



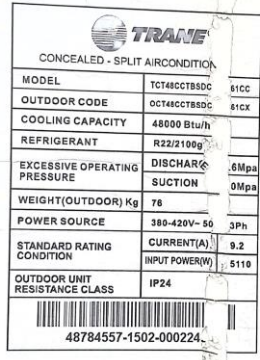

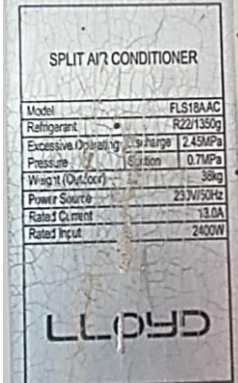
1. Principal's Cabin	1
2. Director's Cabin	1
3. Computer Lab	2
4. G.F. Staff room	2
5. Auditorium	3
6. AV rooms	5
7. NAAC room	2
Total	16

1	Computer Lab		<p>SPLIT AIR CONDITIONER</p> <table border="1"> <tr><td>Model</td><td colspan="3">FLS19A3C</td></tr> <tr><td>Refrigerant</td><td colspan="3">R22/1300g</td></tr> <tr> <td>Excessive Operating Pressure</td><td>Discharge</td><td>2.45MPa</td><td></td></tr> <tr> <td></td><td>Suction</td><td>0.7MPa</td><td></td></tr> <tr><td>Weight (Outdoor)</td><td colspan="3">38kg</td></tr> <tr><td>Power Source</td><td colspan="3">230V/50Hz</td></tr> <tr><td>Rated Current</td><td colspan="3">13.0A</td></tr> <tr><td>Rated Input</td><td colspan="3">2400W</td></tr> </table> <p>LLOYD</p>	Model	FLS19A3C			Refrigerant	R22/1300g			Excessive Operating Pressure	Discharge	2.45MPa			Suction	0.7MPa		Weight (Outdoor)	38kg			Power Source	230V/50Hz			Rated Current	13.0A			Rated Input	2400W																		
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4b	Director's Office		 <p>SPLIT AIR CONDITIONER</p> <p>Model: FLS18AAC Refrigerant: R22/1360g Discharge Pressure: 2.43MPa Suction Pressure: 0.7MPa Weight (Indoor): 36kg Power Source: 230V/50Hz Rated Current: 13.2A Rated Input: 2400W</p> <p>LLOYD</p>
7a	Staff Room 1		 <p>MORE STARS MORE SAVINGS</p> <p>POWER SAVINGS GUIDE</p> <p>ENERGY EFFICIENCY ISEER - 3.70*</p> <p>Label Period: 1st Jan 2018 - 31st Dec 2019</p> <p>Appliance Type: Split Brand: DAIKIN Model/Year: FTKS18YV16V-WAL57YV162017 Cooling Capacity (100%): 1800 W Cooling Capacity (50%): 900 W Electricity Consumption: 1045 Units Per Year Compressor Type: Variable Speed Heat Pump: No</p> <p>5 STARS A++</p> <p><small>*Under test conditions. Actual energy consumption will depend on how the appliance is used. †The electricity consumption will depend on how the appliance is used.</small></p>
7b	Staff Room 1		 <p>AIR CONDITIONER OUTDOOR CONDENSING UNIT MODEL: RKL50TV16V SER. NO. 0117691 50Hz 230V ~</p> <p>COOLING CAPACITY (100%) 5000 W COOLING CAPACITY (50%) 2500 W POWER CONSUMPTION (100%) 1752 W POWER CONSUMPTION (50%) 615 W ELECTRICITY CONSUMPTION 1045 UNITS PER YEAR REFRIGERANT R-32 0.70 kg CURRENT 7.71 A NET WEIGHT 34 kg</p> <p>DAIKIN AIRCONDITIONING INDIA PVT.LTD. MADE IN INDIA 2P495385-13 B</p>
8a	Staff Room 1		 <p>MORE STARS MORE SAVINGS</p> <p>POWER SAVINGS GUIDE</p> <p>ENERGY EFFICIENCY EER (W/W) 3.65*</p> <p>Label Period: 1st Jan 2018 - 31st Dec 2017</p> <p>Appliance Type: Split Brand: DAIKIN Model/Year: FTKS18YV16V-WAL57YV162017 Cooling Capacity (W) 1800 Power Consumption (W) 1400 Variable Speed Compressor: No Heat Pump: No</p> <p>5 STARS A++</p> <p><small>*Under test conditions. Actual energy consumption will depend on how the appliance is used. Actual electricity consumption will depend on how the appliance is used.</small></p>

8b	Staff Room 1		<p>AIR CONDITIONER OUTDOOR CONDENSING UNIT MODEL RF50SRV162 SER. NO. 0001972 50Hz / 230V ~</p> <table><tr><td>COOLING CAPACITY</td><td>5200w</td></tr><tr><td>INPUT</td><td>1425w</td></tr><tr><td>REFRIGERANT R-32</td><td>1.04 kg</td></tr><tr><td>CURRENT</td><td>6.5 A</td></tr><tr><td>NET WEIGHT</td><td>42 kg</td></tr></table> <p>DAIKIN AIRCONDITIONING INDIA PVT.LTD. MADE IN INDIA 2P456919-22 A</p>	COOLING CAPACITY	5200w	INPUT	1425w	REFRIGERANT R-32	1.04 kg	CURRENT	6.5 A	NET WEIGHT	42 kg																
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10a	NAAC Room		<p>MITSUBISHI ELECTRIC <H> ROOM AIR CONDITIONER MODEL MSY-GN18VF SERVICE REF. MSY-GN18VF - (00)</p> <table><tr><td>VOLTAGE</td><td>230 V</td></tr><tr><td>PHASE</td><td>~N</td></tr><tr><td>FREQUENCY</td><td>50 Hz</td></tr><tr><td>IP CODE</td><td>IP20</td></tr><tr><td>REFRIGERANT R32</td><td>1.00 kg</td></tr><tr><td>NET WEIGHT</td><td>12.5 kg</td></tr><tr><td>HP PS</td><td>4.17 MPa</td></tr><tr><td>INPUT (INDOOR ONLY)</td><td>46 W</td></tr><tr><td>RATED CURRENT (INDOOR ONLY)</td><td>0.50 A</td></tr></table> <p>MITSUBISHI ELECTRIC CORPORATION MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700406 MOO 7, TAMBON DON HUA ROH, AMPHUR MUANG, CHONBURI 20000, THAILAND YEAR OF MANUFACTURE 2021.05 SERIAL NO. 1008008 T >PET< MADE IN THAILAND VG79J459H01</p>	VOLTAGE	230 V	PHASE	~N	FREQUENCY	50 Hz	IP CODE	IP20	REFRIGERANT R32	1.00 kg	NET WEIGHT	12.5 kg	HP PS	4.17 MPa	INPUT (INDOOR ONLY)	46 W	RATED CURRENT (INDOOR ONLY)	0.50 A								
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11a	Auditorium			
11b	Auditorium			 
11c	Auditorium			
12a	Lecture Room 1			

12b	Lecture Room 1		
13a	Lecture Room 2		
13b	Lecture Room 2		
14a	Lecture Room 3		
14b	Lecture Room 3		

15a	Lecture Room 4		
15b	Lecture Room 4		
16a	Lecture Room 5		
16b	Lecture Room 5		

16. Provide Water Efficient Irrigation System

Sprinkler are used to water lawn. It uses fresh water from ground well. Recycled water is used to water plants on south & west side of the building.



17. Make Use Of Environment-Friendly Cleaning And For Housekeeping Materials

Environmental friendly products are used for cleaning to avoid toxins that are present in other cleaning products.



18. As Per Sanctioned Drawings Of Building, The Building Roof Area If More Than 25% Of The Total Hard Paved Area, Then It Should Be Painted With High SRI Paint or provide albedo surface or green roof should be provided

NO MEASURES HAS BEEN ADOPTED



19. Provide An Electrical Charging Point (15 Amp) With Signage At Parking Space





20. Provide Preferred Parking Space For Pooled Vehicles With Signage

13 FACULTY MEMBERS AND 22 STUDENTS USE CARPOOLING. PARKING SPACE IS ALLOCATED FOR CARPOOLING VEHICLES.



2. Provide Shuttle Service For The Building Occupants

Bus service is provided for students and staff

Students Availing Bus Service					
Year	2014-15	2015-16	2016-17	2017-18	2018-19
1st	80	79	51	51	60
2nd	38	44	46	18	15
3rd	20	6	6	1	2
4th	4	9	0	0	0
Total	142	138	103	70	77
	38%	31%	23%	14%	15%

21. Plant Native Trees On Site At The Proportion Of The 1 Mature Tree Per 80sqm Of The Plot Area

Total area of Institute = 8172 sqm.

No. of trees required @ 1 mature tree per 80sqm = 102 trees

The college has 300 trees




PHOTOS SHOWING TREES ON THE CAMPUS



22. Conduct Water Quality Test Report As Per CPCB /BIS Standards

The Water Quality Test was carried out in 2020 and is valid for 3 years

TAX INVOICE		(ORIGINAL FOR RECIPIENT)																									
ANAC INCLASS Anacon Laboratories Private Limited 60, Bajprabhu Nagar, Nagpur - 440033 GSTIN/UIN: 27AADCA0435B1ZE State Name : Maharashtra, Code : 27 CIN: U73100MH1998PTC114169 E-Mail : accounts@anacn.in		Invoice No. TICW20/MAR/10 Delivery Note	Dated 11-Mar-2020 Mode/Terms of Payment																								
Buyer Institute of Design Education & Architectural Studies Nagpur Hudkeshwar Road - Outer Ring Road Junction Point, At Post Pipra Dist. Nagpur - 440037 Kind Attn: Mr. Ravi Atre Mo. No. 9423678464, 9325895516 email id: ideasnag@gmail.com State Name : Maharashtra, Code : 27		Supplier's Ref. Buyer's Order No.	Other Reference(s) 2020/W-45; 07.03.2020 Dated																								
Buyers Order Period From Buyers Order Period To		Terms of Delivery																									
Sl No	Particulars	HSN/SAC	Quantity	Rate	per	Amount																					
1	Water Testing Testing of RO Water Sample No. of Sample 1 Qty @ 2200/- Per Sample (Rs. 2200 x 1 = 2200/-)	998346				2,200.00																					
2	SGST			9 %		198.00																					
3	CGST			9 %		198.00																					
Total						₹ 2,596.00																					
Amount Chargeable (in words) INR Two Thousand Five Hundred Ninety Six Only																											
<table border="1"> <thead> <tr> <th>HSN/SAC</th> <th>Taxable Value</th> <th>Central Tax Rate</th> <th>Central Tax Amount</th> <th>State Tax Rate</th> <th>State Tax Amount</th> <th>Total Tax Amount</th> </tr> </thead> <tbody> <tr> <td>998346</td> <td>2,200.00</td> <td>9%</td> <td>198.00</td> <td>9%</td> <td>198.00</td> <td>396.00</td> </tr> <tr> <td>Total</td> <td>2,200.00</td> <td></td> <td>198.00</td> <td></td> <td>198.00</td> <td>396.00</td> </tr> </tbody> </table>							HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount	998346	2,200.00	9%	198.00	9%	198.00	396.00	Total	2,200.00		198.00		198.00	396.00
HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount																					
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Tax Amount (in words) : INR Three Hundred Ninety Six Only																											
Company's PAN : AADCA0435B Declaration PAN- AADCA0435B, GSTIN / UIN: 27AADCA0435B1ZE, State: Maharashtra, State Code: 27, Classification - Technical Inspection & Certification / Scientific & Technical consultancy.		Company's Bank Details Bank Name : Union Bank of India A/c No. : 349804040010103 Branch & IFS Code: Gokulpeth & UBIN0534986 for Anacon Laboratories Private Limited Authorised Signatory																									
This is a Computer Generated Invoice 																											



ANACON LABORATORIES PVT. LTD.
ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified Organization
Recognized By Ministry of Environment & Forests (MoEF), New Delhi
Accredited By Quality Council of India by - NABET

TEST REPORT

Test Report No. : ALPL/17032020/02

dated 17.03.2020

Page 1 of 1

Issued To : M/s Institute of Design Education & Architectural Studies Nagpur Hudkeshwar Road, Outer Ring Road, Junction Point, At Post Pipala, Nagpur 440037 Kind Attention : Mr. Ravi Atre Contact No. : 9423678464		Sample Inward No. 2020/W-45/1-1 Inward Date 07.03.2020 Reference Verbal Communication Reference Date 07.03.2020		Analysis Start 09.03.2020 Analysis End 17.03.2020 Sample Category Water			
Sample Name Water		Sample Particulars / Details RO Water		Purpose of Analysis Drinking		Quantity Received 1 L	
Sample Collected By M/s Institute Of Design Education & Architectural Studies Nagpur					Sampling Location Not Mentioned		
Tests Required : Total coliform, pH, Colour, Odour, Turbidity, Total dissolved solids, Sulphate, Nitrate, Chloride, Calcium, Fluoride, Magnesium, Total hardness, Iron.							

TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 2		Test Result
				Acceptable Limit	Permissible Limit ^a	
I	Biological Testing					
	1. Water					
1	Total coliform	Per 100 ml	IS 15185 : 2016	Absent	Absent	Absent
II	Chemical Testing					
	1. Water					
2	pH	-	IS 3025 (Part 11) : 1983	6.5 to 8.5	No relaxation	7.33 at 25°C
3	Colour	Hazen units	IS 3025 (Part 4) : 1983	5	15	BDL (DL – 1)
4	Odour	-	IS 3025 (Part 5) : 2018	Agreeable	Agreeable	Agreeable
5	Turbidity	NTU	IS 3025 (Part 10) : 1984	1	5	BDL (DL-0.1)
6	Total dissolved solids	mg/l	IS 3025 (Part 16) : 1984	500	2000	1248
7	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24) : 1986	200	400	97.20
8	Nitrate (as NO ₃)	mg/l	APHA Method 23 Edition	45	No relaxation	2.96
9	Chloride (as Cl)	mg/l	IS 3025 (Part 32) : 1988	250	1000	50.02
10	Calcium (as Ca)	mg/l	IS 3025 (Part 40) : 1991	75	200	88.2
11	Fluoride (as F)	mg/l	IS 3025 (Part 60) : 2008	1.0	1.5	1.17
12	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) : 1994	30	100	43.46
13	Total hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) : 2009	200	600	399
	2. Residues in Water					
14	Iron (as Fe)	mg/l	IS 3025 (Part 2) : 2004	1.0	No relaxation	0.27

NOTES: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only.
• Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • Liability of Anacon Labs is limited to invoiced amount only. • Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. • 'mg/l' is equivalent to 'ppm'.
• BDL- Below detection limit • DL- Indicates detection limit of instrument/method and shall be considered as 'absent'.

REMARKS : As requested by the client, sample was tested for above parameters only. As per IS 10500 : 2012, for test no. 6, 10, 11, 12 & 13 sample exceeds acceptable limit, however, the result is within permissible limit, indicating that with respect to the tested parameter, it can be used for drinking purpose in absence of an alternate source.

Verified By

Swati Shrivastava
Swati Shrivastava
Technical Manager

Kavita Sayagankar
Kavita Sayagankar
Technical Manager

Pooja Kathane
Pooja Kathane
Technical Manager

Authorized Signatory

Dr. (Mrs.) S.D. Garway
Dr. (Mrs.) S.D. Garway
Director Labs

Head Office : 80, Bajirambhu Nagar, Nagpur - 440033 India. Ph. No. 9372404824, Email : support@anacoon.in
Lab : FP 34-35, Food Park, Five Star Estate, MIDC Butibori, Nagpur - 441122. Mob. No. 9373287475, Email : labnagp@anacoon.in
Support Helpline : Technical (9373287475) Email : labnagp@anacoon.in, Office (8888945450) Email : support@anacoon.in
Accounts Division (9326960081, 9372980079) Email : accounts@anacoon.in
You may also visit us at www.anacoonlaboratories.com
Branches : Maharashtra | Chhattisgarh | Madhya Pradesh | Jharkhand | Delhi



23. Provide A Composting Pit For Organic Waste Or Organic Waste Composter On Site



Composting of Kitchen Waste

COMPOSTING OF DRY LEAVES FROM LANDSCAPE AREA

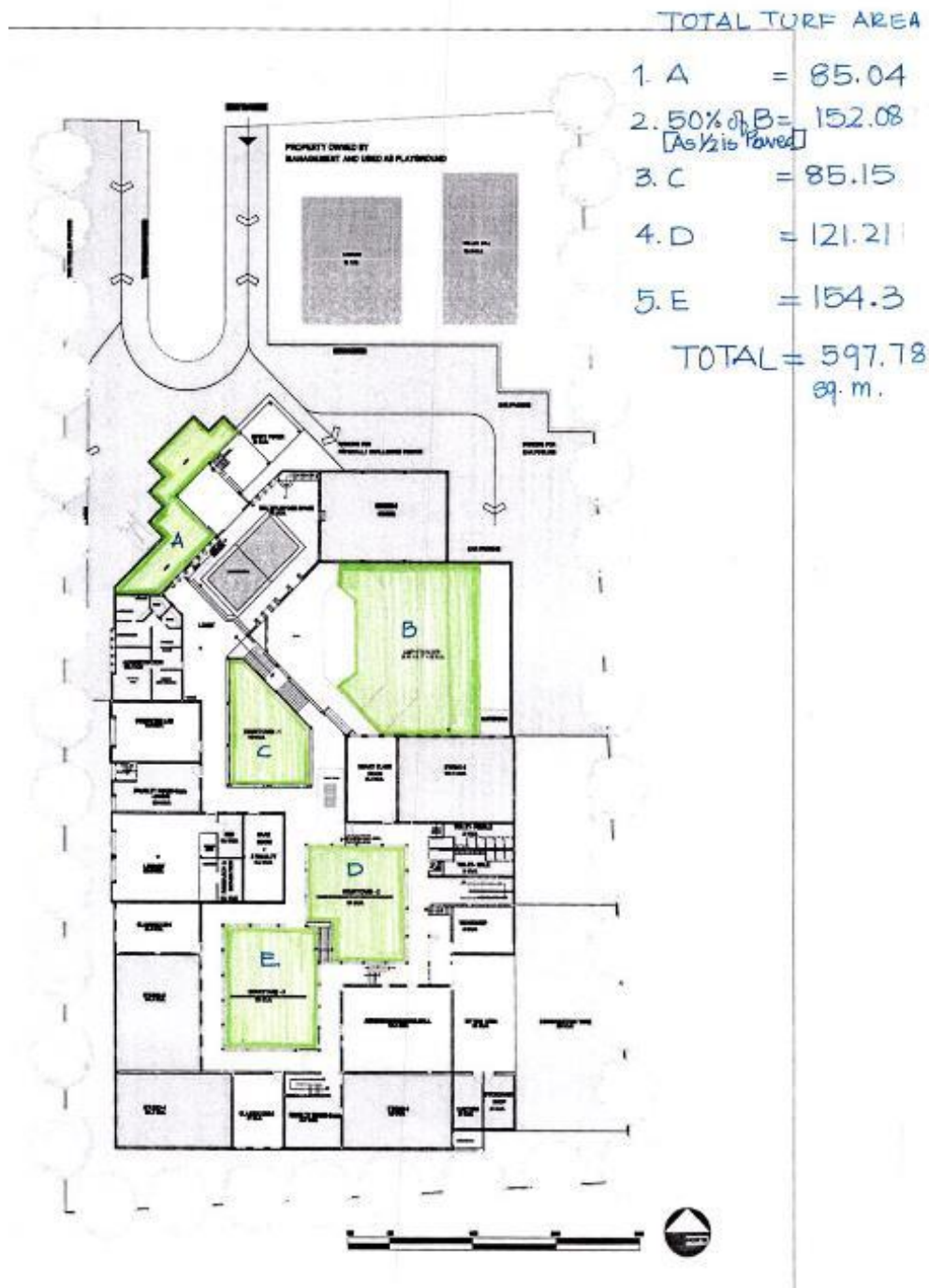


24. Reduce Turf Area

It is recommended that Turf area shall be 25% of total landscape area

Total landscape area of the Institute = 4702 sqm.

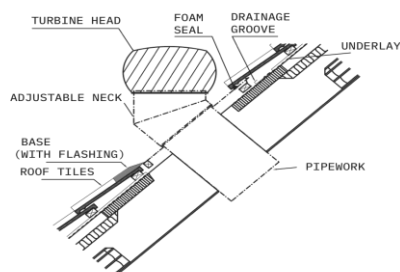
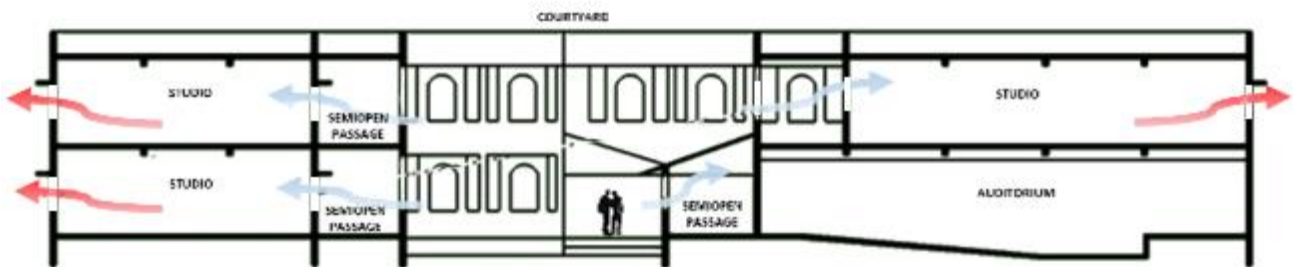
Total turf area = 597.78 sqm. (13%)



25. Fresh Air Ventilation – Provide Adequate Outdoor Air Ventilation to Avoid Pollutants Affecting Indoor Air Quality. For Naturally Ventilated Spaces Demonstrate That the Ratio of Openable Area To The Carpet Area Is At Least 4% In Each Regularly Occupied Zone.

The institute has ample of light and ventilation since the building is designed to be one room deep at all sections. Each room opens on to a shaded semi-open passage which allows air flow and light to come in. The central courtyards are landscaped. Thus, the air here is cool. It flows into the rooms and replaces the hot air. There are windows on at least two sides to allow cross ventilation. The passages cut glare and allow more shaded light inside the rooms. Tiles roofs have wind driven roof ventilators to remove hot air and bring in cool air through stack effect.

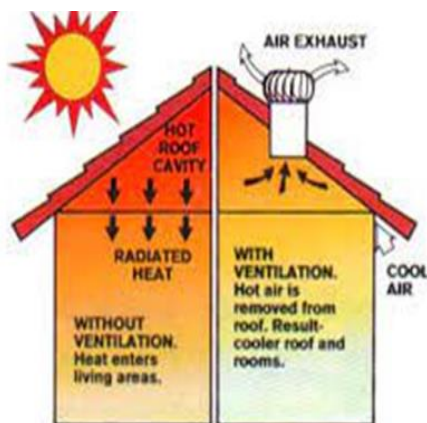
SECTION THROUGH THE BUILDING



SECTIONAL DETAIL OF ROOF WITH TURBINE



TURBINES ON THE ROOF



SCHEMATIC SECTION OF WIND TURBINE

26. Occupant Well-being Facilities Ensure that the project has at least 2 occupant well-being facilities (such as gymnasium, aerobics, yoga, meditation or any indoor / outdoor games) to cater to at least 10% of building occupants, through the day.

Facilities Available

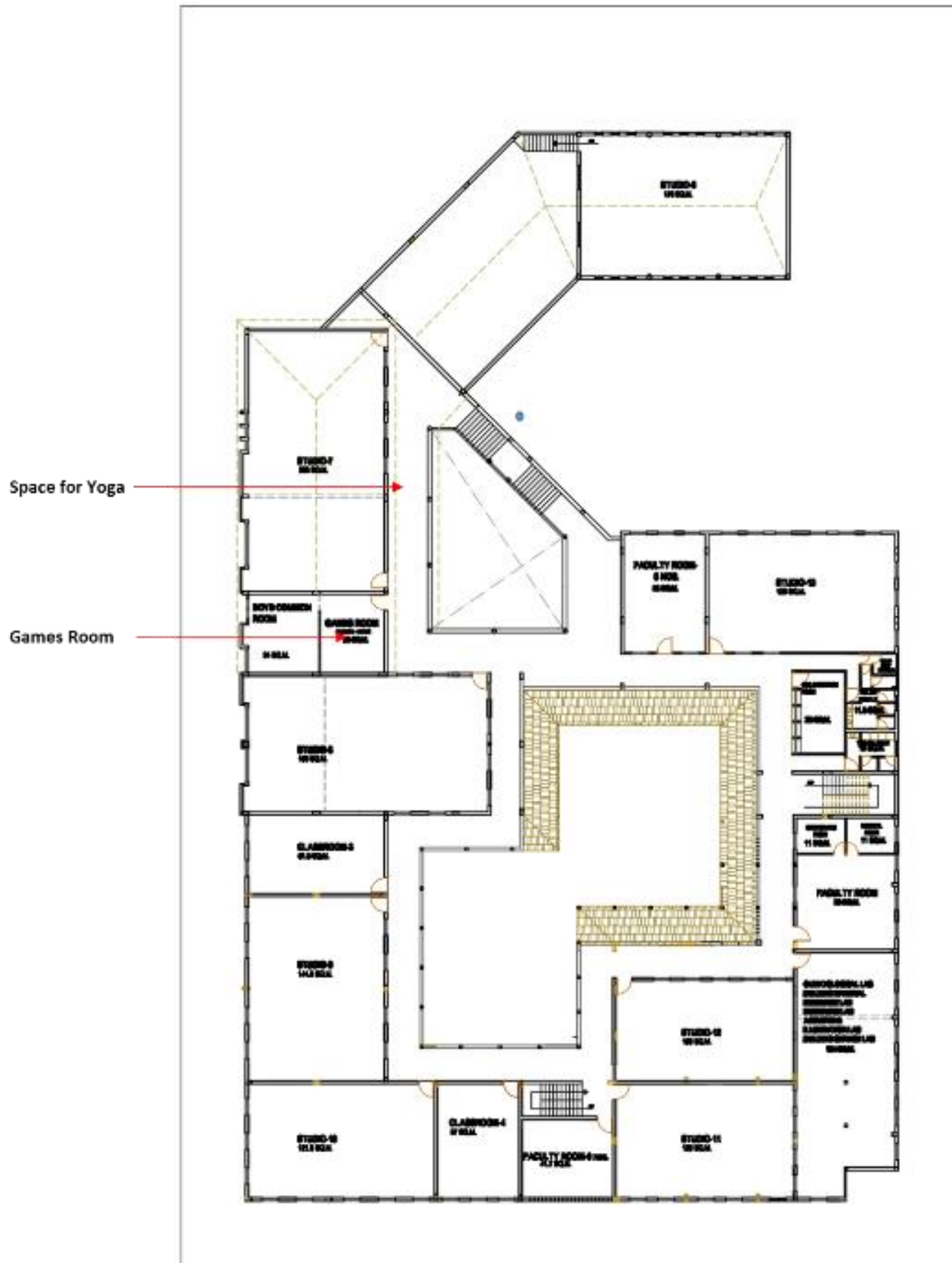
S No	Facility	No. of Occupants
1	Volley Ball Court	12
2	Kabaddi Court	24
3	Badminton Court	4
4	Table Tennis	4
5	Indoor Games- Carom/ Chess	6
6	Space for Yoga / Meditation	25
	Total Participants	75

These facilities were not in use due to Covid restriction.

Sr. no.	List of Covid-19 Vaccinated staff (2021)	Age
1	Vijay Santoshrao Thawre	45
2	Devika Bangadkar	33
3	Ajay Sahebrao Thomare	50
4	Moreshwar Shende	44
5	Ram Bhaiyyaji Bhujade	47
6	Minakshi Sontakke	43
7	Rajni Sanjayrao Zade	42
8	Sonali Vinod Jattewar	44
9	Vinod Umakantrao Jattewar	47
10	Rukhsana Nazir Badar	45
11	Manoj Shamrao Bhanuse	41
12	Harshal Ganorkar	35
13	Puloma Chhaya	60
14	Sumeet Sharad Patange	35
15	Tilok Kundlik Kubde	32
16	Horilala Tulsiram Marghade	39
17	Pradeep Dhale	60
18	Amruta Prakash Thakare	30
19	Balkrushna Yahswant Landekar	56
20	Milind Keshavrao Gujarkar	52
21	Rakesh Bopinwar	40
22	Shweta Motilal Hande	32
23	Anita Ingale	38



FACILITIES FOR WELL BEING OF OCCUPANTS - GROUND FLOOR PLAN



FACILITIES FOR WELL BEING OF OCCUPANTS - GROUND FLOOR PLAN

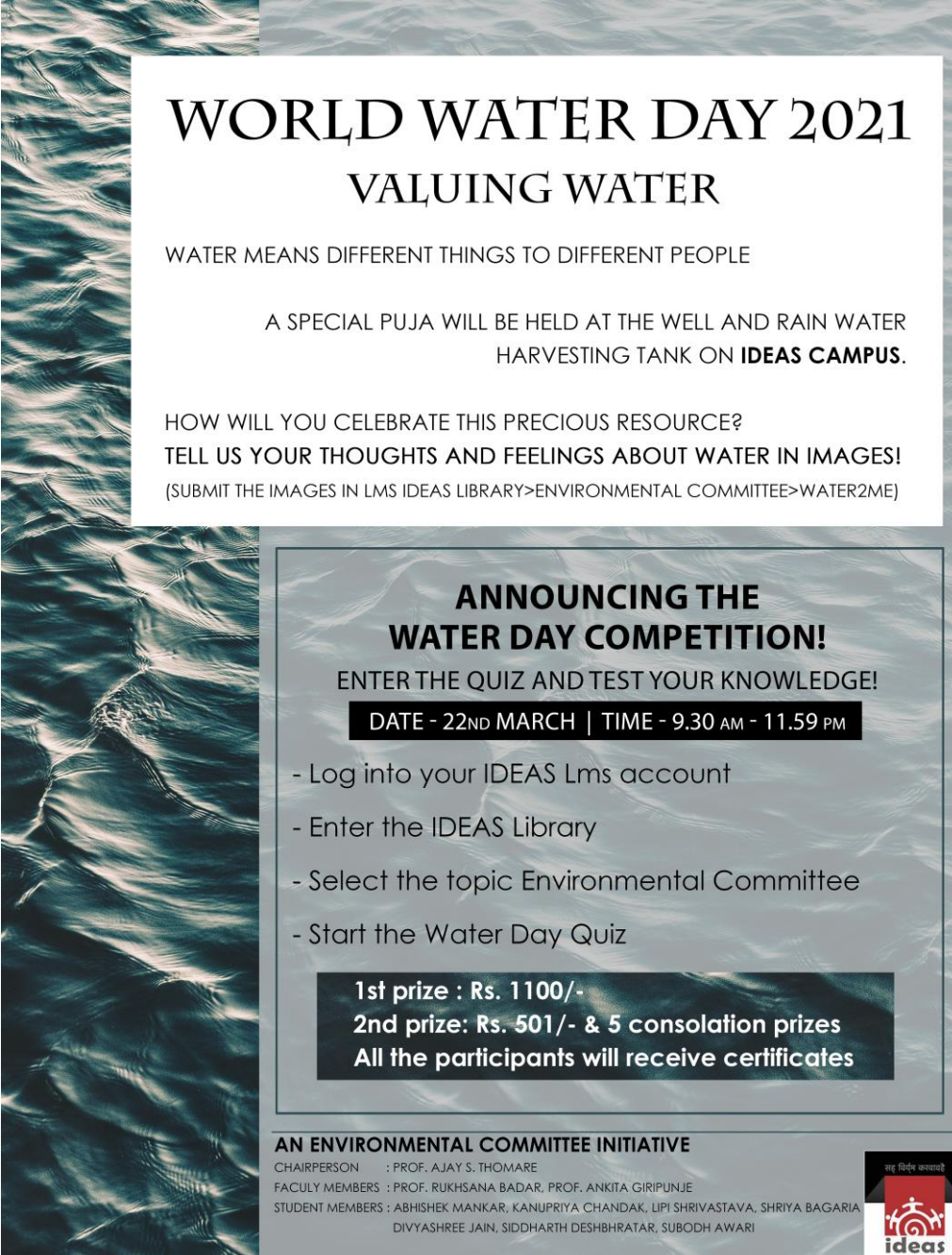
27. Ensuring thermal comfort as per NBC 2005 or ASHRAE 55. Indoor noise level and daylight levels.

- Ensuring thermal comfort as per NBC 2005 or ASHRAE 55.
- Ensure indoor noise level as per NBC norms to enhance comfort level
- Ensure adequate daylight levels Ensure artificial lighting Lux level report as per NBC 2005.

Sr.no	Name of Location (Ground Floor)	Readings observed from the location				
		Temperature (degree centigrade)	Humidity- RH	artificial lighting Lux level	daylight levels Lux level	Indoor noise level (decibel)
1.	Office	26.6	58.2	232	60	50.8
2.	Principals cabin	26.9	50.2	263	52	53.8
3.	Computer lab	26.9	55.6	263	35	43
4.	Staff room	26.9	58.6	289	56	57.7
5.	Library	26.4	50.6	265	154	42.1
6.	Classroom 1	26.8	58.8	238	80	46.8
7.	A. V. Room 2	24.7	56.7	265	33	43
8.	Classroom near foyer	26	57.3	235	63	55.7
9.	Auditorium	23.6	50.2	266	30	44

28. Innovation Credits : Awareness programmes

Water conservation was highlighted by marking World Water Day on March 22nd 2021 with a puja of the bore well and rainwater tank. Also, an online quiz was organized for the students who were not on campus due to lockdown



WORLD WATER DAY 2021
VALUING WATER

WATER MEANS DIFFERENT THINGS TO DIFFERENT PEOPLE

A SPECIAL PUJA WILL BE HELD AT THE WELL AND RAIN WATER HARVESTING TANK ON **IDEAS CAMPUS**.

HOW WILL YOU CELEBRATE THIS PRECIOUS RESOURCE?
TELL US YOUR THOUGHTS AND FEELINGS ABOUT WATER IN IMAGES!
(SUBMIT THE IMAGES IN LMS IDEAS LIBRARY>ENVIRONMENTAL COMMITTEE>WATER2ME)


**ANNOUNCING THE
WATER DAY COMPETITION!**
ENTER THE QUIZ AND TEST YOUR KNOWLEDGE!

DATE - 22ND MARCH | TIME - 9.30 AM - 11.59 PM

- Log into your IDEAS Lms account
- Enter the IDEAS Library
- Select the topic Environmental Committee
- Start the Water Day Quiz

**1st prize : Rs. 1100/-
2nd prize: Rs. 501/- & 5 consolation prizes
All the participants will receive certificates**

AN ENVIRONMENTAL COMMITTEE INITIATIVE
CHAIRPERSON : PROF. AJAY S. THOMARE
FACULTY MEMBERS : PROF. RUKHSANA BADAR, PROF. ANKITA GIRIPUNJE
STUDENT MEMBERS : ABHISHEK MANKAR, KANUPRIYA CHANDAK, LIPU SHRIVASTAVA, SHRIYA BAGARIA
DIVYASHREE JAIN, SIDDHARTH DESHBHARAT, SUBODH AWARI





Poster for World Water Day event



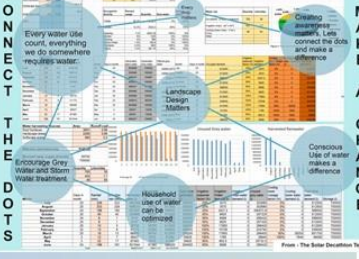
PUJA BEING PERFORMED AT THE BORE WELL ON CAMPUS

Institute of Design Education & Architectural Studies, Nagpur

On Campus

Water2Me



MAKE A CHANGE

Solar Decathlon Teams

22nd March 2021
World Water Day QUIZ
An Environmental Committee Initiative

CONGRATULATIONS WINNERS!

1st

SAHIL RAMTEKE

2nd

PRANJALI KHANDVE

CONSOLATION PRIZES-

KHUSHI DAXINI
MANSI SUCHAK
AMAR SHAH
AAYUSH SAHU
PRINCE KATARIYA

*The stillness like a pearl
With priceless treasure
Just flowing like a journey
And giving us more pleasure...*

*The voice of the drops
Like the music playing
Just like an artist
Whose performance is going...*

*The magic of each drop
Landing on the surface
Is just like the heaven
Where our heart has no disturbance...*

Pranali Bhat

Bhargavi Wagh

All life on Earth needs water. It's so important to us that when we're searching for life on other planets, the first thing we look for is liquid water. But water isn't always a liquid on Earth. It changes to a gas and solid as part of the water cycle. It's a good job this happens, or we wouldn't have any fresh water!

Water Cycle Diagram showing the overall distribution from rain water collection at the rooftops to the City water treatment underground.

Made by Solar Decathlon Team

POSTER DECLARING WINNERS OF THE ONLINE QUIZ



**COUNCIL OF ARCHITECTURE
ONLINE TRAINING PROGRAM**
IN COLLABORATION WITH
**INSTITUTE OF DESIGN EDUCATION &
ARCHITECTURAL STUDIES, NAGPUR**



TEACHING CLIMATE RESPONSIVE DESIGN APPROACH


28th September to 2nd October 2020

ORGANIZED NATIONAL LEVEL ONLINE TRAINING PROGRAM FOR ARCHITECTS ON
CLIMATE RESPONSIVE DESIGN APPROACH

DECLARATION

We hereby declare that Institute of Design Education and Architectural Studies (IDEAS), Nagpur entitled for 'Existing Green Building Audit Program' shall henceforth implement the following strategies by 30th June 2021.

1. Phase out all the ozone depleting potential air conditioners units with eco-friendly refrigerants (R-410A, R-32, R-134A, R-290, R-600A) for air conditioners units.
2. Adopted measures for the reduction of heat ingress through roof.
3. Ramps shall be made as per standards of NBC 2017
4. For energy efficiency replacement of remaining existing lights into light emitting diode (LED).

Gotmare And Associates	Institute of design education & architectural studies , Nagpur
<p>Name of the Auditor: Ar. Manisha Gotmare Email id : manisha.gotmare@gmail.com Date 01/05/2021</p> <p>Signature: </p> 	<p>Name of the official: PROF. ABHAY PUROHIT</p> <p>Designation: PRINCIPAL, IDEAS Email id: principal@ideasnagpur.edu.in Date : 01/05/21</p> <p>Signature: </p>