



SANDIPANI ACADEMY

Affiliated to Hemchand Yadav Vishwavidyalaya & Recognised by NCTE



7.1.7

GREEN INITIATIVES AND WASTE MANAGEMENT

Achhoti (Murmunda), Kumhari-Ahiwara Road, Durg(C.G.)

RK HOME CONSTRUCTION

KUMHARI DURG (C.G.)

SNo. B

M/s - SANDIPANI ACADEMY ACHHOTI DURG (CG)

Date : 24/01/2021 To 14/03/2022

WORK	QTY.	RATE	AMOUNT
Garden Work	Mistri - 44	400.00	17600.00
(Front of New Building)	Cooli - 70	300.00	21000.00
(Gosala Area work)	Reja - 64	190.00	12160.00
(Parking Area work)			
TOTAL -			50760.00

Handwritten signatures and initials: Mistry, Cooli, Reja, etc.

BHUPENDRA KUMAR

(GEO-HYDROLOGIST)
Reg. GEO-HYDROLOGIST In Raipur Municipal Corporation & Indian Association of Hydrologist.
M.Sc. in Geology



Mob: 09827859411,
08839136051

TAX INVOICE

Ref :- BK/RWH/SA/2021			
DATE :- 13/12/2021			
CLIENT DETAILS		BANK DETAILS :-	
SANDIPANI ACADEMY		BENEFICIARY NAME :- BHUPENDRA KUMAR PATEL	
		BANK :- SBI	
		A/C NO. :- 20175014196	
		BRANCH :- KUMHARI	
		IFSC CODE :- SBIN0003272	
KIND ATTN :- MR. VINEET CHOUBEY SIR		PAN NO :- CMSPK2214A	
MOB :- 9300008230			
S.NO.	PERTICULER	QTY	RATE/UNIT TOTAL
1.	V-VIRE INJECTION WELL	01	125000/- 125000/-
RS. IN WORDS :- ONE LAKH TWENTY FIVE THOUSAND RUPEES ONLY/-			
TERMS AND CONDITIONS :-		FOR,	
SUBJECT TO THE RAIPUR JURISDICTION THIS IS A COMPUTER GENERATED TAX INVOICE.		BHUPENDRA KUMAR PATEL	
		AUTHORISED SIGNATURE	

OUR SERVICES : All kind of Rain Water Harvesting, Ground Water Searching by Geophysical Methods, Water Purify Systems, Water Treatment Services, Mining Plan for Minor/ Major Minerals, Environmental Plan Consultancy.
Address: Ganesh chowk ward no-03, Patel Para Kumbhari, Durg (C.G.) 490042

Handwritten calculations: 125000.00 - 17700.00 = 107300.00

INDIAN GIFT PALACE																							
Shop No. 10, Aradhana Chamber, Baijani Road, Raipur (C.G.) Ph. No. 0771-2225091 (S), Mob. : 94282-11084, 9301366651, 70898-82629, Email. : anildautan0@gmail.com																							
Invoice No. : 643	Chhattisgarh	State Code : 22	PAN No. : 22ACTPD1259M	GST No. : 22ACTPD1259M1ZF																			
Ginee Name : Sandipani Art Academy		Date : 31/5/2022																					
<table border="1"> <thead> <tr> <th>Name of Product/Service</th> <th>HSN Code</th> <th>Qty. (Pcs)</th> <th>Rate</th> <th>Dis.</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Jolly Dosa Bin.</td> <td></td> <td>75 Pcs</td> <td>68/-</td> <td></td> <td>10200 = 00</td> </tr> <tr> <td></td> <td></td> <td>LESS</td> <td>15.254/-</td> <td></td> <td>155 = 50</td> </tr> </tbody> </table>						Name of Product/Service	HSN Code	Qty. (Pcs)	Rate	Dis.	Amount	Jolly Dosa Bin.		75 Pcs	68/-		10200 = 00			LESS	15.254/-		155 = 50
Name of Product/Service	HSN Code	Qty. (Pcs)	Rate	Dis.	Amount																		
Jolly Dosa Bin.		75 Pcs	68/-		10200 = 00																		
		LESS	15.254/-		155 = 50																		
Invoice Amount in Words :			Total Amount Before Tax :	864 = 41.																			
			Add : CGST 9%	77 = 70																			
			Add : SGST 9%	77 = 70																			
			Add : IGST																				
Payment Terms : Cash			R. OF :	0 = 01																			
Details : Bank of India			GRAND TOTAL	10200 = 00																			
Branch : Main Branch Raipur			Certification that the particulars given above are true and correct																				
A/c No. : 93520100003135			For Indian Gift Palace																				
Branch IFSC : BKID 0009350			Authorised Signatory																				

रेट बिल		
क्रमांक	समान (कार्य)	रुपये
1	रैन वाटर हॉरवेस्टिंग	21000/- ✓
2	रैन वाटर 6" पाइप चेम्बर	27900/- ✓
3	चौथा फ्लोर बाथरूम	4000/- ✓
4		
5		
कुल		52900/-

नाम - गोविंद साहू
खाता संख्या - 31506374450
IFSC संख्या - SBIN0012129
बैंक - स्टेट बैंक ऑफ इंडिया

दिनांक 20/12/2021

गोविंद साहू
गोविंद साहू

Invoice No. RTC-153 ✓
Ref. No.

Dated 3-Sep-2021

RITIKA TRADING CO.
RING ROAD NO. 1, BHATHAGAON CHOWK
RAIPUR (C.G.)
MO - 9303162555
GSTIN/UIN: 22EUMPS9100M126
State Name : Chhattisgarh, Code : 22
E-Mail : ritikantrss1979@gmail.com

Tax Invoice

Party : SANDIPANI ACADEMY
ACHHOTI
State Name : Chhattisgarh, Code : 22
Place of Supply : Chhattisgarh

Sr. No.	Description of Goods	GST Rate	Quantity	Rate	per	Disc. %	Amount
1	6 PIPE SUMOLEX 4 KG	18 %	140.00 FEET	188.00	FEET	15.2542 %	22,305.09
2	6 BEND MID	18 %	1.00 NOS	280.00	NOS	15.2542 %	220.34
3	6 SHOO SWR RAKSHA	18 %	1 PCS	310.00	PCS	15.25 %	262.73
4	6 COUPLER SWR RAKSHA	18 %	1.00 NOS	250.00	NOS	15.2542 %	211.86
5	4 PIPE SWR MID SUMOLEX 4 KG	18 %	450.00 FEET	73.00	FEET	15.2542 %	27,839.00
6	4 SHOO MID	18 %	10.00 NOS	140.00	NOS	15.2542 %	1,186.44
7	4 COUPLER SWR MID	18 %	25 PCS	100.00	PCS	15.2542 %	2,118.65
8	4 Y SINGLE DOOR SWR RAKSHA	18 %	8 PCS	300.00	PCS	15.2542 %	2,033.90
9	3 PIPE SWR MID SUMOLEX 4 KG	18 %	100.00 FEET	44.00	FEET	15.2542 %	3,728.82
10	3 BEND SWR MID	18 %	10.00 NOS	115.00	NOS	15.2542 %	974.58
11	4 BEND SWR MID	18 %	20.00 NOS	140.00	NOS	15.2542 %	2,372.88
12	4 CLAMP SWR RAKSHA	18 %	20 PCS	25.00	PCS	15.2542 %	423.73
13	SOLVENT 250ML CPVC	18 %	3 PCS	350.00	PCS	15.2542 %	889.83
14	12" PIPE SUPERIME 2.5 KG	18 %	100.00 FEET	495.00	FEET	15.2542 %	41,949.17
							1,06,517.02
							CGST 9,586.54
							SGST 9,586.54

continued ...

This is a Computer Generated Invoice

Sandipani Academy Achhoti
Gardning & Plantation A/C

Sr. No.	Date	Particular	Bill No./ Voucher No.	Amount
1	10.07.2020	33 Trip Mitti	5	16500
2	19.10.2020	Medicine Spair Pur.	25	320
3	28.11.2020	Medicine Pur.	35	290
4	10.12.2020	Bharat Krishi Kendra Medicine & Spair Pur.	8576	1510
5	01.01.2021	2 Bandle Pipe & Medicine Pur.	3	2140
6	27.02.2021	Cash Paid to Lokesh for Garden Work	38	3066
8	04.06.2021	Bharat Krishi Kendra	936	3450
9	11.06.2021	Pipe Pur.	17	480
Total				27756

G.H. Jaiswal
Administrative
Sandipani Academy
Achhoti, Distt. Durg (C.G.)

संदीपनी एकेडमी अचोती 12.3.22

रकब कार्य 1 थोक 1200

1200

नाकी

श्री साईं ट्रेडर्स
बिड़ोना प्रोटेस्टल सप्लायर्स
मन्ना रोड, मुरमुका जिला दुर्ग (छ.ग.)
म. 9926152333

No. RTC-183
RITIKA TRADING CO.
RING ROAD NO. 1, BHATHAGAON CHOWK,
RAIPUR (C.G.)
MO - 9303162555
GSTIN/UIN: 22EUMPS9100M126
State Name : Chhattisgarh, Code : 22
E-Mail : ritikantrss1979@gmail.com

Dated: 25-Sep-2021

Tax Invoice

Party : SANDIPANI ACADEMY
ACHHOTI
State Name : Chhattisgarh, Code : 22
Place of Supply : Chhattisgarh

Description of Goods	GST Rate	Quantity	Rate	per	Disc. %	Amount
2X1 R TEE CPVC MID	18 %	5.00 NOS	169.00	NOS	32.50 %	570.38
2 ELBOW CPVC MID	18 %	4.00 NOS	121.00	NOS	32.50 %	326.70
2 TANK NIPAL CPVC MID	18 %	2.00 NOS	156.30	NOS	32.50 %	211.01
2 KAJU KHILA 2EIN DUPLER CPVC MID	18 %	15 PCS	15.00	PCS	15.2542 %	190.59
2 FTA CPVC MID	18 %	12 PCS	22.00	PCS	32.50 %	178.20
2 UNION CPVC MID	18 %	2 PCS	110.00	PCS	32.50 %	148.50
2 SOLVENT 250ML CPVC	18 %	2.00 NOS	228.00	NOS	32.50 %	307.80
2 WATER TANK PUFF 4L	18 %	3 PCS	350.00	PCS	15.2542 %	889.83
2 MACHAKRA	18 %	2.00 NOS	6,300.00	NOS	15.2542 %	10,677.97
CGST 1,350.07						
SGST 1,215.09						
Round Off 1,215.09						
Total ₹ 15,931.00						

IN WORDS
Rupees Fifteen Thousand Nine Hundred Thirty One Only

Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total
1,200.77	0%	110.80	0%	116.89	233.79
934.50	9%	87.10	9%	87.10	174.20
1,000.00	9%	90.00	9%	90.00	180.00
10,677.97	0%	961.02	0%	961.02	1,922.04
Total		1,248.92		1,248.92	2,497.84

Total Indian Rupees Two Thousand Four Hundred Thirty and Eighteen paise Only

For Sandipani Academy
B/S - 151005 Rs. 16000/-
25-9-21

G.H. Jaiswal
For RITIKA TRADING CO.

pna Nursery

A Total Reliable House for Plant

Opp. LIC Building, Magarpara Road, Bilaspur (C.G.)
 P. : 07752-231253 (O), 237064 (R) Mob.: 09329035773

Ref. _____ Date 5.12.2021

25 सफ़ेदायाँ x 90 = 2250
 10 लाल गुलाबियाँ x 30 = 300
 10 साँझियाँ x 25 = 250
 20 गेदा x 25 = 500
 20 आलू x 25 = 500
 10 सेब x 30 = 300
 10 जेन्टिलियाना x 50 = 500
 15 गजानियाँ x 25 = 375

2975

70002-55134

श्री साँई ट्रेडर्स

बिल्डिंग मटेरियल सप्लायर एण्ड हार्डवेयर
 नोट:- ईंट, रेत, सीमेंट, छड़, काला पत्थर आदि के थोक एवं थिन्कर विक्रेता।
 चांदनी चौक, मुरमंदा (भिंभौरी से दुर्ग मार्ग), जिला - दुर्ग (छ.ग.)।

क्र. 1086 दिनांक - 8.3.22
 मेमर्स/श्री संजीवनी एकेडमी अंधारी

क्र.	विवरण	नग	दर	रकम
D	JCB कार्य 2.54 मी.			3500=
टोटल				3500=

केश/क्रेडिट मेमो 99261-52372
 97523-75768
 70002-55134

श्री साँई ट्रेडर्स

बिल्डिंग मटेरियल सप्लायर एण्ड हार्डवेयर
 नोट:- ईंट, रेत, सीमेंट, छड़, काला पत्थर आदि के थोक एवं थिन्कर विक्रेता।
 चांदनी चौक, मुरमंदा (भिंभौरी से दुर्ग मार्ग), जिला - दुर्ग (छ.ग.)।

क्र. 1062 दिनांक - 14.3.22
 मेमर्स/श्री संजीवनी एकेडमी अंधारी

क्र.	विवरण	नग	दर	रकम
1	धयवा मे मिस्री	4	1700	6800=
2	JCB कार्य 1 धयवा		1200	1200=
टोटल				8000=

भूल-चूक लेनी-देनी वास्तो, श्री साँई ट्रेडर्स

केश/क्रेडिट मेमो 99261-52372
 97523-75768
 70002-55134

श्री साँई ट्रेडर्स

बिल्डिंग मटेरियल सप्लायर एण्ड हार्डवेयर
 नोट:- ईंट, रेत, सीमेंट, छड़, काला पत्थर आदि के थोक एवं थिन्कर विक्रेता।
 चांदनी चौक, मुरमंदा (भिंभौरी से दुर्ग मार्ग), जिला - दुर्ग (छ.ग.)।

क्र. 1076 दिनांक - 02.03.22
 मेमर्स/श्री संजीवनी एकेडमी अंधारी

क्र.	विवरण	नग	दर	रकम
D	मिस्री धयवा	12	1700	20400=
D	छरक धयवा	4	2800	11200=
D	JCB कार्य 1.12		1100	1320=
टोटल				32920=

भूल-चूक लेनी-देनी वास्तो, श्री साँई ट्रेडर्स

EMO
पत्र

Brought of विक्रेता

क्रमांक 01100 Date तिथि 09/07-21

विवरण	RATE दर	AMOUNT रकम Rs.	P.
रुपये ५२५ रुपये १५२५	1490	1490	
TOTAL जोड़		1490	

Thank You ! धन्यवाद!

NEEL SAGAR © Goods once sold will not be taken back. E. & O. E. भूल चूक लेनी देनी

Signature

Invoice No. RTC-153
Ref. No.

Dated 3-Sep-2021

RITIKA TRADING CO.
RING ROAD NO. 1, BHATHAGAON CHOWK
RAIPUR (C.G.)
MO - 9303162555
GSTIN/UIN-22ELMPS8100M126
State Name : Chhattisgarh, Code : 22
E-Mail : ritikantrs1979@gmail.com

Tax Invoice (Page 2)

Party : SANDIPANI ACADEMY
ACHHGTI
State Name : Chhattisgarh, Code : 22
Tax #/State : Chhattisgarh

Description of Goods	GST Rate	Quantity	Rate	per	Disc. %	Amount
Less: Round Off						(-).10
Total						₹ 1,25,690.00

Amount Chargeable (in words) **Indian Rupees One Lakh Twenty Five Thousand Six Hundred Ninety Only**

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
3917	1,02,694.97	9%	9,242.55	9%	9,242.55	18,485.10
39174000	2,932.22	9%	263.91	9%	263.91	527.82
35061000	889.83	9%	80.08	9%	80.08	160.16
Total	1,06,517.02		9,586.54		9,586.54	19,173.08

Tax Amount (in words) : **Indian Rupees Nineteen Thousand One Hundred Seventy Three and Eight paise Only**

Company's Bank Details
Bank Name :
A/c No. :
Branch :
Bank IFSC :

201-150988
13/9/21 201-125690-0

Declaration:
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Authorized Signatory

This is a Computer Generated Invoice

श्री साई ट्रेडर्स
बिल्डिंग मटेरियल सप्लायर एण्ड हार्डवेयर
नोट:- ईट, रेत, सीमेंट, छड़, काला पत्थर आदि के थोक एवं थिन्हर विक्रेता।
चांदनी चौक, मुरमंदा (भिभौरी से दुर्ग मार्ग), जिला - दुर्ग (छ.ग.)।

क्रं. 1078 दिनांक - 08/09/21
मेमर्स/श्री संधीपानी एकेडमी मुम्बई

क्रं.	विवरण	नग	दर	रकम
-	कांसे. मि. र. र. र.	14	1700	23800
	सामग्री	34		
	टोटल			23800

भूल-चूक लेनी-देनी

श्री साई ट्रेडर्स



RAJ ENERGY SERVICES

.....dedicated in energy Conservation

62 & 81, Daya Nagar, Risali, Bhilai Nagar, 490006 (C.G.)

Mob.: 9826179597 Email : resbhilai@gmail.com

INVOICE

Name of Party :

The Principal
Sandipani Academy
Achhoti, Durg

GSTN : 22AVHPM0391G1ZT dated 18/08/2017

Invoice No. : 02 Date : 18/05/2022

Order No. : SA/Academic/2021/378

Date : 28/12/2021

**BANKING DETAILS : Name of Bank : Union Bank of India, Civic Centre, Bhilai;
Account No. :- 074011100000140, IFSC : UBIN0807401 ; PAN No :- AVHPM0391G**

Sl. No.	Description	Total Nos.	Unit Rate in Rs.	Amount (Rs.)
01.	Conducting Energy Audit & Green Audit of College	1 Nos.	34,000=00	34,000=00
	GST @ 18%			6.120=00
	Total			40,120=00

Central GST @ 9%(CGST) : Rs.3,060=00 (Rupees Three Thousand Sixty only)

State GST @ 9% (CGST): Rs.3,060=00 (Rupees Three Thousand Sixty only)

Total Amount in Words : Rs. Forty Thousand One Hundred Twenty Only

For, Raj Energy Services

(Authorized Signatory)

Bill No.

0018-1/05/2022

LAKSHYA SOFTECH

C/12 North City behind Dolphin Complex
Vidhan Sabha Road Raipur (C.G.) 492001
Mo. + 91 9424282486, 7000860114

Date

05-05-2022

M/S.

Sandipani academy

Vill-Achhoti, Post-Murmunda, Kumhari-Ahiwara Road, District- Durg, Pin-490036 (C.G.)

Contact: 91 9009077222, 9300008230

Email Id: sandipani.achhoti@gmail.com

Sr. No.	Particular	Rate	Amount
1.	Web Based School /College management ERP	1,25,000.00	1,25,000.00
2.	Hosting Server 1 Year	6,000.00	6,000.00
Total Payable Amount			1,31,000.00
Advance			00.00
Balance Amount			1,31,000.00
Invoice Amount in word : One Lac thirty one thousand Only/-			

Terms & Condition

1. Subject to RAIPUR' Jurisdiction only.
2. Our Bank Details
Lakshya Softech
A/C : 33465330923,
IFSC : SBIN0061082,

Authorized Signatory



To Whomsoever It May Concern

We have verified the books of account & other records of Sandipani Academy Achhoti, Post-Murmunda Dist-Durg (C.G) for the financial years 2017-18 to 2021-22 and on the basis of the same; we hereby certify that college has incurred total expenditure of Rs. 2,89,85,319.04 (Excluding salary) during the last five financial years. The year wise detail for expenditure is as below :

S.No	Financial Years Session	Expenditue excluding Salary (In Rs.)
1.	2017-18	55,13,384.33
2.	2018-19	64,28,455.86
3.	2019-20	53,58,796.02
4.	2020-21	52,16,570.76
5.	2021-22	64,68,112.07
	Total Rs	2,89,85,319.04

For, P.K. & CO.
Chartered Accountants
(ERN: 0009926C)

Place : Raipur
Date : 21.02.2023
UDIN: 23412072B6wDxV5607



(Pavan Karmele)
M.No.412072
Partner

Cash/Credit Memo No. : 9575328360

Shradha Electrical & Cooler House


Near Durga Mandir, Banjari Nagar, Raipur (C.G.) 492001

No. **1231** Date: 24/6/22

Party Name: सदीपनी वेडिंग क्वेरी

S.No.	Particular	Qty.	Rate	Amount
①	Crompton High Flow Aero Wall Fan	60	2193	13158
②	Ergon Green 1200 mm opel white 5 star Fan	80	3156	25248
Total				<u>22608</u>

For, Shradha Electrical & Cooler House



CASH / CREDIT MEMO No. 9575328360

Shradha Electrical & Cooler House

Near Durga Mandir, Banjari Nagar, Raipur (C.G.) 492001


No. 324 Date: 13/8/24

Party Name: सदीपनी वेडिंग क्वेरी

LED lights B.W.

S.N.	Particular	Qty.	Rate	Amount
①	T.S. 2.7.0	30	175	5250
Total				<u>5250</u>

For, Shradha Electrical & Cooler House





SANDIPANI ACADEMY

Affiliated to Hemchand Yadav Vishwavidyalaya & Recognised by NCTE



7.1.7

GREEN INITIATIVES AND WASTE MANAGEMENT


Achhoti (Murmunda), Kumhari-Ahiwara Road, Durg(C.G.)

GREEN PRACTICES ADOPTED BY THE INSTITUTION PHOTOGRAPHS

Encouraging use of bicycles/ E-Vehicles





 Achhoti, Chhattisgarh, India
 8F96+7PQ, Achhoti, Chhattisgarh 490036, India
 Lat 21.319967°
 Long 81.467549°
 20/03/22 05:39 PM




 Murmunda, Chhattisgarh, India
 Chetwa Rd, Murmunda, Chhattisgarh 490042, India
 Lat 21.308034°
 Long 81.463350°
 20/03/22 05:24 PM

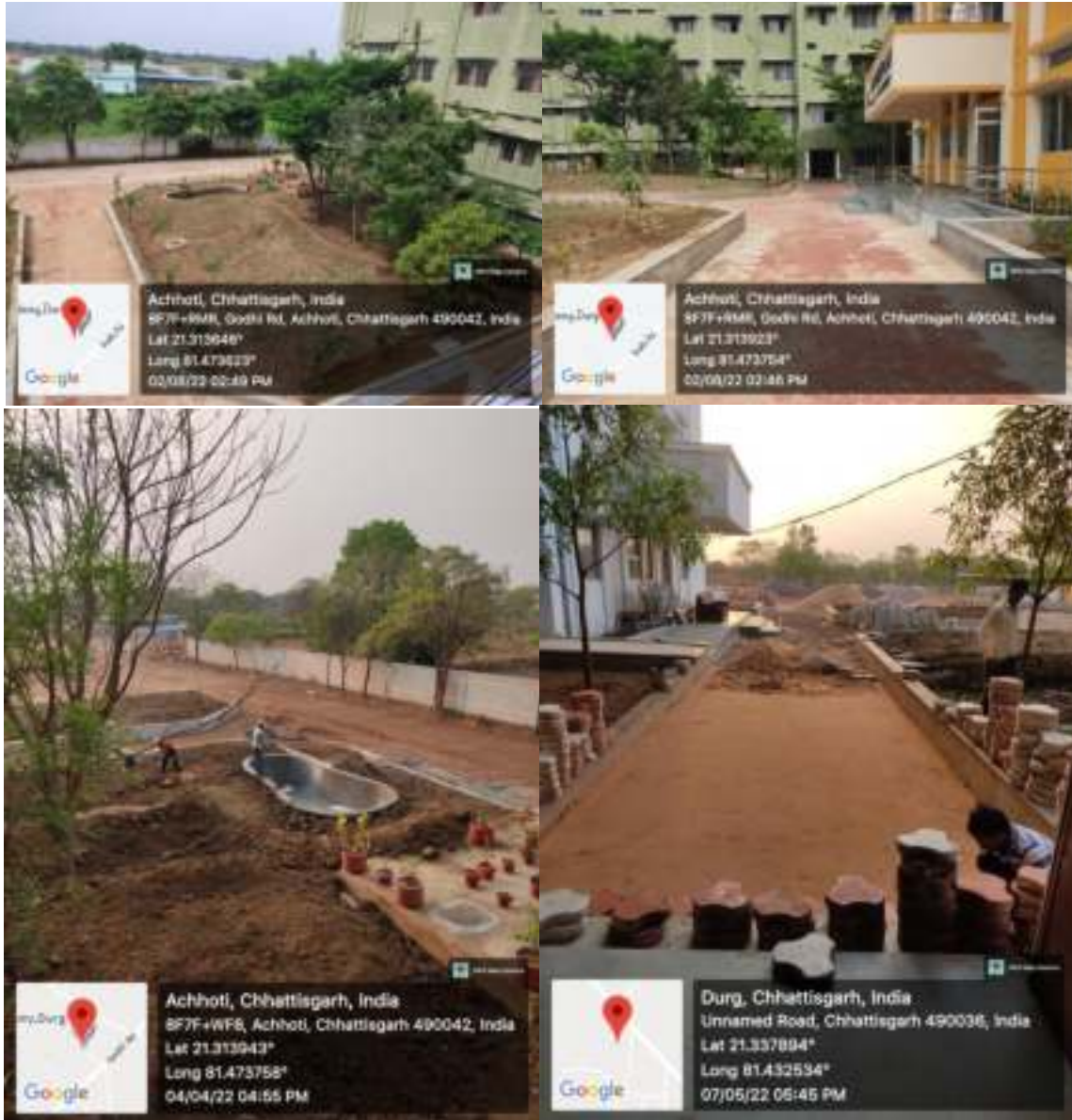


 Murmunda, Chhattisgarh, India
 Chetwa Rd, Murmunda, Chhattisgarh 490042, India
 Lat 21.308993°
 Long 81.463527°
 20/03/22 01:22 PM



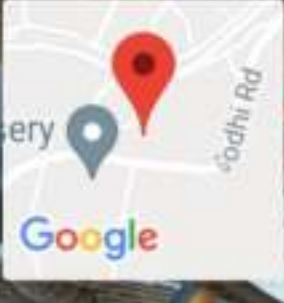
 Murmunda, Chhattisgarh, India
 Chetwa Rd, Murmunda, Chhattisgarh 490042, India
 Lat 21.308001°
 Long 81.463519°
 20/03/22 01:21 PM

Pedestrian friendly roads



Tree Plantation Practice





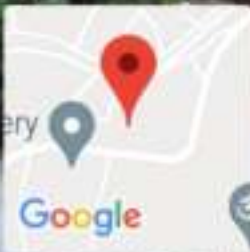
Godhi, Chhattisgarh, India
Godhi Rd, Godhi, Chhattisgarh 490042, India
Lat 21.320564°
Long 81.481195°
08/10/21 01:48 PM



vivo V20



Godhi, Chhattisgarh, India
Godhi Rd, Godhi, Chhattisgarh 490042, India
Lat 21.320442°
Long 81.481171°
08/10/21 12:04 PM



Godhi, Chhattisgarh, India
Godhi Rd, Godhi, Chhattisgarh 490042, India
Lat 21.320608°
Long 81.481396°
08/10/21 12:57 PM



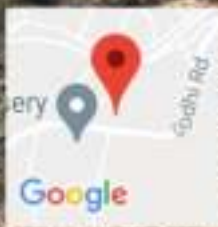
GPS Map Camera



Achhoti, Chhattisgarh, India
8F7F+WF8, Achhoti, Chhattisgarh 490042, India
Lat 21.313707°
Long 81.47279°
26/11/21 03:13 PM



GPS Map Camera

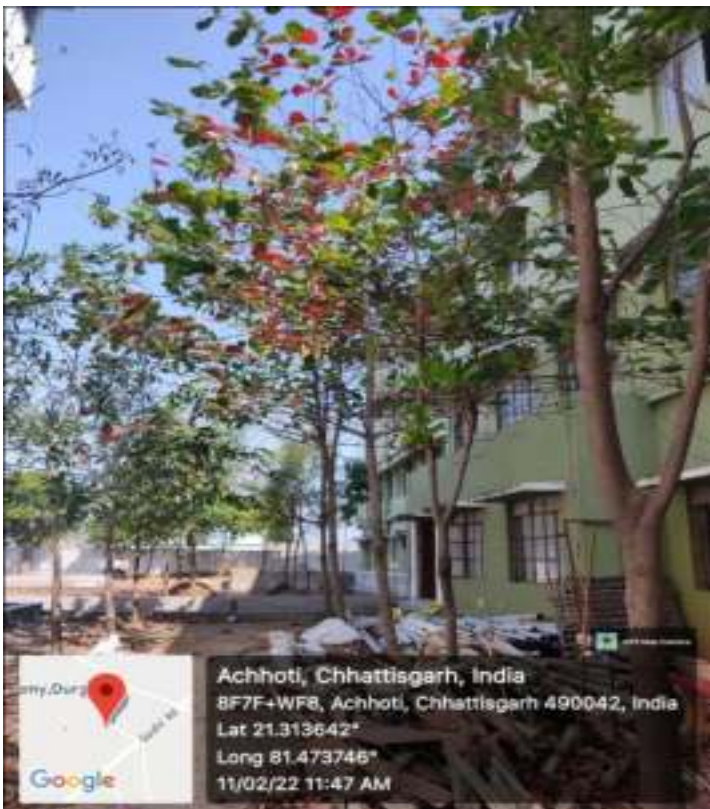


Godhi, Chhattisgarh, India
Godhi Rd, Godhi, Chhattisgarh 490042, India
Lat 21.320442°
Long 81.48117°
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Green Cover Campus



Green Cover Campus





Waste Management

1. Classification of Waste -:

Various efforts have been made in our institute for the management of college waste under the **Waste Management Policy** in which college waste is classified into wet waste, dry waste, sanitary waste and E-waste.



Red Dustbin(02/01/2023)



Green Dustbin(28/06/2022)



Blue Dustbin(07/06/2022)



Black Dustbin(07/06/2022)



SANDIPANI
ACADEMY

Gram - Achhoti, Post- Murmunda,
Via- Dhamdha, Dist.- Durg (C.G.) 490036
Phone : +91 78212 99288
Mobile : +91 9300008230

Vermi Compost :-

Wet waste coming out of the canteen/Mess is converted into fertile manure by **Vermi composting** method and used for botanical garden and plantation of the organization and the liquid waste (water) coming out of the canteen is not wasted in the drains, it is used to irrigate the trees and plants.



Vermi Compost pit (Ready)

(Date- 27/05/2022)



Cowshed

(Date 23/09/2022)



Vermi Composting pit (Date- 05/12/2022)



Awareness –:

Under dry waste, used waste paper and E waste are sent for reuse. We aware students to use waste paper and create awareness among them, teachers and nearby villagers. We celebrate **paper bag day** every year in which our institute organizes paper bag making competition.



Paper Bag making competition (Paper Bag Day)

(Date- 12/07/2021)

Every year we organize a paper bag making competition for students in which they make bags by newspaper, calendars, wedding cards, etc.

Use Less Paper :-

We do not dispose waste paper which is only one side printed, we use again it for print another side for many works, we always aware students to use E-Books, notes which can reduce requirements of paper waste. We initiated a step to reduce waste of paper through taking internal exams through PPT for showing question papers.



We aware students about use of online websites for EBooks, finding online study materials, etc. In library we are giving some information about websites which are providing free books and notes. We installed 3 Computer systems for use of students. (Date – 24/03/2022)



We are showing question paper of internal exams (Unit Test & Model Test) on projector screen which can reduce requirements of physical question paper.

(Date- 24/03/2022)

Awareness :-

We had done an awareness program on **“Only One Earth”** on date – 28-05-2022. In which we share our thoughts about protection of environment by save energy, waste management and save our environment they also shared some problems & we share ways to solve them. Sarpanch madam also joined and gives further problems of environment.



Awareness Program - “Only One Earth”

We went to village – Kandraka, kumhariDist- Durg, (C.G.)

(Date- 28/05/2022)

In above photographs some students, staff and many villagers of Kandraka are involved in this awareness program and presenting Drama with message of Save Only One Earth through many ways such Waste Management, Energy Conservation, Go green and etc.

Water reservoir:-

Waste water coming from sewage sends through a pipeline to pond which is nearby campus.



Water coming from all over campus building, canteen, Hand-wash corners, sinks, laboratories, etc. sends to pond because it can be our little contribution to water level nearby area and it will be beneficial for we and nearby planted area.

(Date- 28/05/2022)

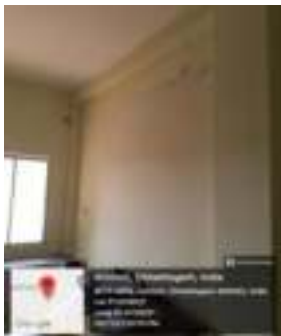
ENERGY MANAGEMENT

Improvement in Energy efficiency

1. REPLACEMENT -:

a. Replacement of conventional fluorescent lamps by LED tubes & Bulbs

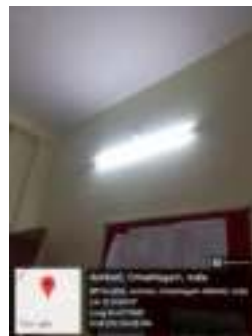
We have replaced Fluorescent Tube lights with LED lights because of heat energy loss is less in LED lights compared to Fluorescent Lights and bulbs.



Date – 08/11/2021



Date – 08/11/2021



Date – 31/02/2022



Date – 31/02/2022

In given photographs you can see LED tubes and bulbs. Before them we had conventional lights.

b. 150HPSV street light fixtures replaced by 72 W LED Street Light Fixtures

We have replaced 150HPSV street light by 72 W LED Street Light because of heat energy loss is less in LED lights compared to Fluorescent Lights and bulbs.



Date – 11/02/2022



Date – 23/08/2022



Date – 15/06/2022



Date – 15/06/2022

In given photographs you can see LED Street light tubes and bulbs. Before them we had 150HPSV Street light.

c. Some conventional ceiling fans are replaced by BLDC fans.

We have replaced some of conventional ceiling fans by BLDC fan because it has more energy efficiency than conventional ceiling fans.



Date – 02/09/2022



Date – 03/08/2022

In above photographs you can see BLDC fans. We have replaced 4 conventional fans by BLDC fans.

2. TFT Monitors installed in whole campus:-

In place of monitors we use TFT type Monitor because it is more energy efficient than Picture Tube (Old type) monitors in Offices, ICT/ Language Lab & where required.



IQAC – 01(24/03/2022)



IQAC – 02(24/03/2022)



Accountant (24/03/2022)



C.O. (24/03/2022)



ICT/Language Lab (24/03/2022)



Principal Office (24/03/2022)



HOD (24/03/2022) office

In above photographs you can see TFT monitors at many rooms. We are using TFT monitor from starting.

3. SOLAR PANEL -:

Solar cell panels have been installed in our institution for energy conservation so that the electrical energy requirements of the institution can be met by renewable sources of energy. The Grid Connected Solar Power Plant of 25 KW is installed by Lucrative Solar Solution, Raipur. Total 84 solar panels each having 300 watt capacity is generating power. We have informed that the solar power plant has been generating power since first February 2018.



We installed solar panel at 2017. It is our effort toward save energy and use non polluting source. We have generated energy by solar energy in 4 years is 144671 KWh in 16189 hours.
Date – 08/11/2021

4. SOLAR WATER HEATING SYSTEM :-



Solar Geysers have been installed in our institution for energy conservation so that the electrical energy requirements of the institution can be met by renewable sources of energy.

Two set of 750LPD (Non Pressurized) Complete syst. (ETC) (HDGI TANK) Serial no. : 559,558 installed by Parthsarathi Renewables, Netaji Chowk, Shanti Nagar, Post-Shankar Nagar, Raipur.

Date- 17/11/2022



Date- 17/11/2022

In above photographs you can see two solar geysers on the roof of building.

Elimination of Energy wastages

1. Natural Day light & natural ventilation:-

To reduce consumption of electrical energy we designed our building infrastructure like (floors, class rooms, labs &etc.) having wide windows to use day light for lighting of rooms & Ventilation for natural air pass.



Date –08/11/2021



**Date –08/11/2021
11/11/2021**



Date – 08/11/2021



Date – 08/11/2021



Date – 02/08/2022



Date – 02/08/2022

We can see in above Photographs there is sufficient light is coming from windows without using electric source of light.

2. HOUSE KEEPING:-

We have regular housekeeping system for maintaining cleanliness, waste management & energy management. Our plan for housekeeping is scheduled as Daily and alternate cleaning section. Our building has four floors with 16 classrooms, 06 Laboratories, 03 staff rooms, Principal, HOD, Administrative offices & etc.

In Daily cleaning section – Staff rooms, Classrooms, Offices, Common rooms, Sports room, corridor & toilets.

In Alternate cleaning Section – Laboratories & Pedestrians.

Cleaning of curtains and clothes done once in a month.



Date – 11/12/2021



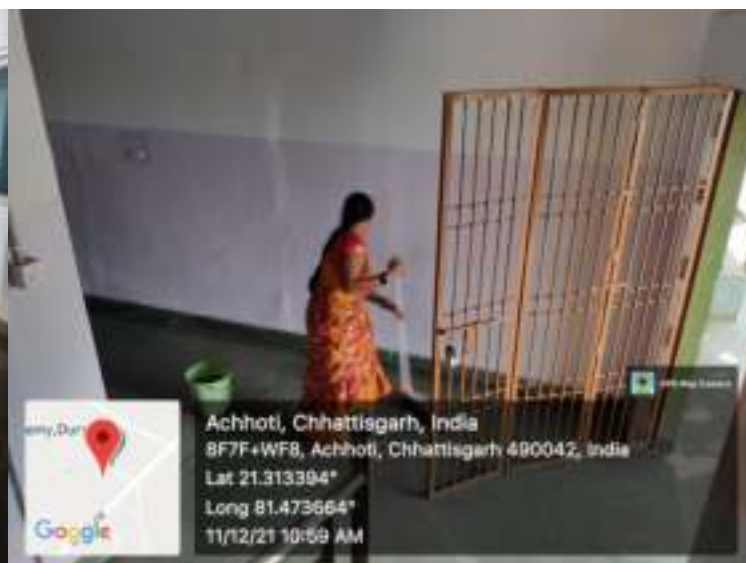
Date – 11/12/2021



Date – 15/02/2022



Date – 11/12/2021



Date – 26/03/2022

3. Fine tuning of temperature:-

Setting of water coolers and air conditioners are done according to season. In winter & rainy season we turn off the water cooler. We have set two water coolers in our building with water purifier. We keep it on in only working hours. It's cleaning done after every three days.



Date- 06/12/2021

Date- 06/12/2021

In above photographs two water coolers are showing. During rainy and winter seasons we turn off it and it gives only water of normal temperature.

Training and awareness

1. Creating Awareness among staff, students:-

Tagging- At many switch boards and some walls we tagged posters and plates in which we are messaging that we can save energy with various ways and why we must do it.



Date- 15/12/2021



Date – 15/12/2021



Date- 24/05/2022



Date- 24/05/2022



Date-24/05/2022

In above photographs we can see posters and slogan we tagged on wall and near switches like about saving of energy.

2. Awareness Programs:-

- a. **For students and teachers-** Energy Conservation Awareness program conducted by us and we invited Mr. Sanjay Kumar Mishra (Certified Energy Auditor, Bureau of Energy, Ministry of Power, Govt. of India, New Delhi.) as guest speaker on 05/08/2022.



Date-05/08/2022



Date-05/08/2022



Date-05/08/2022



Date-05/08/2022

In above photographs Awareness Program on “Energy Conservation” is presenting by MR. Sanjay Kumar Mishra (Certified Energy Auditor, Bureau of Energy, Ministry of Power, Govt. of India, New Delhi.)

- b. We had done an awareness program on **“Only One Earth”** on date – 28-05-2022. In which we share our thoughts about protection of environment by save energy, waste management and save our environment they also shared some problems & we share ways to solve them. Sarpanch madam also joined and gives further problems of environment.



Awareness Program - “Only One Earth”

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(Date- 28/05/2022)

In above photographs some students, staff and many villagers of Kandraka are involved in this awareness program and presenting Drama with message of Save Only One Earth through many ways such Waste Management, Energy Conservation, Go green and etc.

3. Energy Audit and Green Audit:-

We conducted Energy and Green Audit with external energy service agency (RAJ ENERGY SERVICES, RISALI, BHILAI, DURG). Date of audit was 15, 16 & 17 Mar 2022. Mr. Sanjay Kumar Mishra was our auditor (Certified Energy Auditor, Bureau of Energy, Ministry of Power, Govt. of India, New Delhi.)



Date- 25/05/2022



25/05/2022



Date- 25/05/2022

In above photographs Mr. Sanjay Kumar Mishra (Auditor) is giving audit report and Director – Mr. Mahendra Choubey, Advisor- Mrs. Abha Dubey and Asst Prof- Mr. Vedprakash Tripathi receiving report and certificate.