

TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

(A Govt. Aided General Degree College affiliated to Burdwan University and registered u/s 2(f) & 12(B) of UGC Act, 1956)
[Established in 2006 and Accredited 'B' by NAAC in 2016]

Vill-Madian, Mallarpur

PIN 731216, West Bengal

website- www.thlmahavidyalay.ac.in



PO-Ganpur, Birbhum

Phone & Fax 03461-262175

email- tlmprincipal@gmail.com

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Document: Students survey for Energy conservation, water conservation, management of waste etc. for session 2018-19



Stenbergen
Teacher-in-charge
THLH Mahavidyalay
Madian, Mallarpur, Ganpur
Birbhum. Pin- 731216, W.B.

2018



Survey On Mode of Transport

THLH MAHAVIDYALAY

Green CampusCommitte

Name of Surveyor: RUMPI MONDAL

SAMPLE
CATEGORY:

STUDENT STAFF

Registration No.:

Total Samples: 31

PUBLIC TRANSPORT		PRIVATE TRANSPORT		CYCLE	ELCETRIC VEHICLE
BUS	TRAIN	BIKE	CAR		



% Public Transport: <u>51.61</u>	% Bus: <u>25.80</u> % Train:	% Private Transport: <u>38.70</u>	% Bike: <u>38.70</u> % Car:	% Cycle: <u>12.90</u>	% Electric Vehicle: <u>29.03</u>
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Signature: Rumpi Mondal

Date: 16.07.18

Survey On Mode of Transport

THLH MAHAVIDYALAY

Green CampusCommitte

Name of Surveyor: SOMA MONDAL

SAMPLE CATEGORY:

STUDENT STAFF

Registration No.:

Total Samples: 91

PUBLIC TRANSPORT			PRIVATE TRANSPORT		CYCLE	ELCETRIC VEHICLE
BUS	TRAIN		BIKE	CAR		
211 411 111 411 111 411 411 111 411 411 411 111 111			1		111 411 411 411 111	411 411 111



% Public Transport:	<u>58.2</u>	% Bus:	<u>58.2</u>	% Private Transport:	<u>1.09</u>	% Bike:	<u>1.09</u>	% Cycle:	<u>26.37</u>	% Electric Vehicle:	<u>14.28</u>
		% Train:	<u>0</u>			% Car:	<u>0</u>				
Signature: <u>Soma Mondal</u>								Date: <u>16.07.18</u>			

Turku Hansda Lapsa Hemram Mahavidyalay

Green Campus Committee Debris Monitoring and Assessment Project

Debris Survey Form

SURVEYOR NAME: HATSIM HEMBROM

SITE NAME: Backyard of campus DATE: 17.01.2018

AREA LENGTH: 20 m AREA WIDTH: 20 m

SEARCH TEAM SIZE:

- 1
 2

DEBRIS REMOVAL:

- all/most
 some
 none

CONSISTENCY CHECK:

- Yes
 no

ITEM COUNTS:

PLASTIC	Quantity	METAL	Quantity
Film	00	Metal fragments	00
Foam	00	Aerosol cans	02
Bottles	06	Aluminum/tin cans	00
Container Caps	04	Other Metal	00
Cups	12	GLASS	
Food Wrappers	21	Glass fragments	08
Other container	00	Bottles	00
Straws	00	Jars	00
Cigar tips	00	Other glass	01
Cigarettes	14	PROCESSED WOOD	
Rope & nets	06	Cardboard cartons	00
Other plastics	00	Paper & cardboard	03
		Paper bags	02
		Other	00

Signature: Hatsim Hembrom



Turku Hansda Lapsa Hemram Mahavidyalay

Green Campus Committee Debris Monitoring and Assessment Project

Debris Survey Form

SURVEYOR NAME: *Shibsankar Das*

SITE NAME: *Front Area of College* DATE: *16/07/2018*

AREA LENGTH: *20 m* AREA WIDTH: *20 m*

SEARCH TEAM SIZE:

- 1
 2

DEBRIS REMOVAL:

- all/most
 some
 none

CONSISTENCY CHECK:

- Yes
 no

ITEM COUNTS:

PLASTIC	Quantity	METAL	Quantity
Film	00	Metal fragments	02
Foam	05	Aerosol cans	00
Bottles	08	Aluminum/tin cans	00
Container Caps	04	Other Metal	00
Cups	06	GLASS	
Food Wrappers	24	Glass fragments	00
Other container	00	Bottles	00
Straws	02	Jars	00
Cigar tips	04	Other glass	00
Cigarettes (part)	11	PROCESSED WOOD	
Rope & nets	00	Cardboard cartons	08
Other plastics	00	Paper & cardboard	18
		Paper bags	00
		Other	00

Signature: *Shibsankar Das*



TRANSECT SURVEY DATA FORM 1: FIELD RESULTS

Complete one form for each species along each transect

Name(s) Sahadev Nondal Date 16.07.2018
 Species name Gomphrena celosioides (सुगन्धि, एमरुम)
 Name of study area Fruit Garden of College campus
 Transect number 01
 Transect length 20 m
 Total number of sampling points along your transect 20 x 2 = 40

Describe your study area (e.g. disturbed roadside to undisturbed wetland)

Large fruit tree garden, situated in the front left side of college campus

Describe how you recorded the presence of species along the transect (e.g. presence or absence within 1 m to each side of transect, every 0.5 m along transect)

Presence withing 1m to each side of transect, every 0.5 m along transect.

Locations where species was present	Distances where species was present (e.g., 0.5 m, 2.0 m)	Habitat
0.5m, 1m, 1.5m	2.5m, 3m, 4m	Grass land
2m	6.5m, 7m, 7.5m	
4.5m,	8m, 8.5m, 9m	
5m, 5.5, 6m	9.5m, 10m	
10.5m, 11m,	11.5m, 12m, 12.5m	
13m, 13.5m, 14m	15m, 15.5m, 16m	
14.5m	16.5m	
17m, 17.5m	18m, 19m	
18.5m, 20m	19.5m	



TRANSECT SURVEY DATA FORM 1: FIELD RESULTS (continued)

Total number of points species present along transect A 18

Total number of points along transect B 40

Percent points where species was present
(points species present / total points along transect) x 100% = $(18 \div 40) \times 100\% = 45\%$

Habitats where species was commonly found

/

Habitats where species was rarely found

/

Habitats where species was not found

/



TRANSECT SURVEY DATA FORM 1: FIELD RESULTS

Complete one form for each species along each transect

Name(s): Priya Dey

Date: 16/07/2018

Species name: Gomphrena celosioides (সুখাতি ফুল(এস))

Name of study area: Fruit Garden of college campus

Transect number: 02

Transect length: 20 m

Total number of sampling points along your transect: 20 x 2 = 40

Describe your study area (e.g. disturbed roadside to undisturbed wetland)

Large fruit tree garden ; left side of college campus

Describe how you recorded the presence of species along the transect (e.g. presence or absence within 1 m to each side of transect, every 0.5 m along transect)

presence in 1 m to each side of transect, every 0.5 m along transect

Sampling points (1 m to each side of transect)	Sampling points (0.5 m to each side of transect)	Presence
1m	0.5m, 3m	Grass land
1.5m	3.5m	do
2m	5m	do
2.5m	5.5m	↓
4m	6m	do
4.5m	6.5m	do
7m	10m	do
7.5m	10.5m	do
8m	11m	do
8.5m	11.5m	↓
9m	12m	↓
	12.5m	
15m	13m	
15.5m	13.5m	
	14m	
17.5m	14.5m	
18m	16m	
19.5m	16.5m	
20m	17m	
	18.5m	
	19m	



TRANSECT SURVEY DATA FORM 1: FIELD RESULTS (continued)

Total number of points species present along transect A 17

Total number of points along transect B 40

Percent points where species was present
(points species present / total points along transect) A/B $17/40 \times 100\% = 42.5\%$

Habitats where species was commonly found



Habitats where species was rarely found



Habitats where species was not found



- 0
- 0.5
- 1
- 1.5
- 2
- 2.5
- 3
- 3.5
- 4
- 4.5
- 5



Survey Organized by Green Campus Committee

TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY LAB-WISE WATER CONSUMPTION

Madian, Mallarpur, Birbhum, WB 731216 Serial No. 01

Lab Name: Geography Determination Of quantity Water Calculation
by: Metering

Survey Date: 17.01.18 Survey start Time: 11:15 Survey end Time: 1:30

Water Use Reported in: Acre-Foot Gallons Million Gallons Liter

Sl. No.	pH Level	No. of Tap Water points	Meter Reading		Total Water Used (b-a) in (lt/d)
			Start (a)	End (b)	
1.		<u>01</u>	<u>163</u>	<u>172</u>	<u>09</u>
2.					
3.					
4.					

Name of Student: Bulti Das Signature Bulti Das

Member of : Green Volunteer Eco-Club None (Student)

Office Use Only

Signature of
Green Committee member:



Survey Organized by Green Campus Committee

TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

LAB-WISE WATER CONSUMPTION

Madian, Mallarpur, Birbhum, WB 731216

Serial No. 02

Lab Name: chemistry

Determination Of quantity by: Water Metering Calculation

Survey Date: 17.01.2018

Survey start Time: 11:15

Survey end Time: 1:30

Water Use Reported in: Acre-Foot

Gallons

Million Gallons

Liter

Sl. No.	pH Level	No. of Tap Water points	Meter Reading		Total Water Used (b-a) in (lt/d)
			Start (a)	End (b)	
1.		10	83	87	04
2.					
3.					
4.					

Name of Student: Gouranga Mondal

Signature Gouranga Mondal

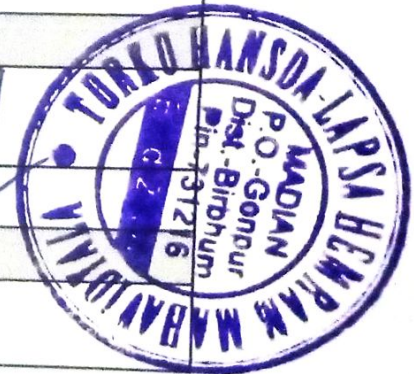
Member of: Green Volunteer

Eco-Club

None (Student)

Office Use Only

Signature of Green Committee member:



Survey Organized by Green Campus Committee

TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

LAB-WISE WATER CONSUMPTION

Madian, Mallarpur, Birbhum, WB 731216

Serial No. 01

Lab Name: Chemistry

Determination Of quantity Water Calculation
by: Metering

Survey Date: 16.07.2018

Survey start Time: 10:45 Survey end Time: 1:00

Water Use Reported in: Acre-Foot Gallons Million Gallons Liter

Sl. No.	pH level	No. of Tap Water points	Meter Reading		Total Water Used (b-a) in (lt/d)
			Start (a)	End (b)	
1.		10	282	289	07
2.					
3.					
4.					

Name of Student: Raju Mal

Signature Rajamal

Member of : Green Volunteer Eco-Club None (Student)

Office Use Only

Signature of Green Committee member: Mannu Mondal



Survey Organized by Green Campus Committee

TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY LAB-WISE WATER CONSUMPTION
 Madian, Mallarpur, Birbhum, WB 731216

Serial No. 02

Lab Name: Geography Determination Of quantity by: Water Metering Calculation

Survey Date: 16.07.2018 Survey start Time: 10:45 Survey end Time: 1:00

Water Use Reported in: Acre-Foot Gallons Million Gallons Liter

Sl. No.	pH level	No. of Tap Water points	Meter Reading		Total Water Used (b-a) in (lt/d)
			Start (a)	End (b)	
1.		<u>01</u>	<u>210</u>	<u>215</u>	<u>05</u>
2.					
3.					
4.					

Name of Student: Priya Dey Signature: Priya dey

Member of: Green Volunteer Eco-Club None (Student)

Office Use Only
 Signature of Green Committee member: Mamun Manda



Biodiversity Mapping Format (1):

Area: Fruit Garden

Method: Random Quadrats

Sl. No.	Name of Species	Presence in different quadrates										Total presence in quadrate (A)	Frequency (A/10)
		1	2	3	4	5	6	7	8	9	10		
1.	<i>Urochloa mutica</i>	+	+	+	+	+	+	+	+	+	+	10	1
2.	<i>Trifolium repense</i>			+			+			+	+	04	0.4
3.	<i>Callicarpa Pendunculata</i>		+						+			02	0.2
4.	<i>Smyrniium olusatrum L.</i>				+	+	+					03	0.3
5.	<i>Toxidax procumbens L.</i>					+		+				02	0.2
6.	<i>Euphorbia granulata</i>	+		+	+	+				+	+	06	0.6
7.	<i>Trifolium scabrum</i>	+	+	+		+	+			+		06	0.6
8.	<i>Causonis trifolia</i>		+					+				02	0.2
9.	<i>Sida cordata</i>	+				+					+	03	0.3
10.	<i>Aschynomene brasiliiana</i>								+			01	0.1
11.	<i>Physalis longifolia</i>										+	01	0.1
12.	<i>Bryonia dioica</i>			+		+						02	0.2
13.	<i>Physalis longifolia</i>										+	02	0.2

Signature:

Anu Pramantik



Date: 29.12.18

Biodiversity Mapping Format (2): ~~Start~~ Area: Fruit Garden Method: Random Quadrate

Sl. No.	Name of Species	Numbers of different quadrates employed in the study										Total No. of individual (A)	Density (A/10)
		1	2	3	4	5	6	7	8	9	10		
1.	<i>Urochloa mutica</i>	28	32	25	34	15	18	22	27	20	34	255	25.5
2.	<i>Trifolium repens</i>			05			03			10	08	26	2.6
3.	<i>Callicarpa pendunculata</i>		01						01			02	0.2
4.	<i>Smyrniolum olusatrum</i> L.				14	12	10					36	3.6
5.	<i>Tridax procumbens</i> L.					15		10				25	2.5
6.	<i>Euphorbia granulata</i>	14		16	05	11				12	01	59	5.9
7.	<i>Trifolium scabrum</i>	10	13	04		15	08			12		62	6.2
8.	<i>Cassipouira trifolia</i>		04					02				06	0.6
9.	<i>Sida cordata</i>	03				05					02	10	1
10.	<i>Aeschynomene brasiliana</i>								01			01	0.1
11.	<i>Physalis longifolia</i>									01		01	0.1
12.	<i>Bryonia dioica</i>			02			03					05	0.5
13.	<i>Physalis longifolia</i>	01							01			02	0.2

Signature:

Anni Pramariik



Date: 29/12/18

Biodiversity Mapping Format (1):

Start point: Lat: 24°07'28.9" Long: 87°6'9.34"

Method: Belt Transect (20m)

Sl No.	Name of Species	Presence in different quadrat										Total presence in quadrat (A)	Frequency (A/10)	
		1	2	3	4	5	6	7	8	9	10			
1.	<i>Sapindus saponaria</i>	+											01	0.1
2.	<i>Evolvulus nummularius</i>	+							+			+	03	0.3
3.	<i>Urochloa mutica</i>	+	+	+	+	+	+	+	+	+	+	+	10	1
4.	<i>Gomphrena serrata</i> L.		+		+	+	+						04	0.4
5.	<i>Indigofera tinctoria</i> L.					+	+	+					03	0.3
6.	<i>Eleutherococcus trifolius</i> L.					+							01	0.1
7.	<i>Mentha suaveolens</i>						+						01	0.1
8.	<i>Centella Cordifolia</i>										+		01	0.1
9.	<i>Cerastium nutans</i>							+					01	0.1
10.	<i>Trifolium repens</i>								+			+	02	0.2
11.	<i>Ocimum gratissimum</i>	+										+	02	0.2
12.	<i>Crotalaria prostrata</i>		+			+		+					03	0.3

Signature:

Gouranga Mondal



Date: 16-07-2018

Biodiversity Mapping Format (2):

Start point: Lat: 24.07289'
Long: 87.62134'

Method: Belt Transect (20m)

Sl. No.	Name of Species	Numbers in different quadrat										Total No. of individual (A)	Density (A/10)	
		1	2	3	4	5	6	7	8	9	10			
1.	<i>Sapindus saponaria</i>	01											01	0.1
2.	<i>Evolvulus nummularius</i>	11						02			02		15	1.5
3.	<i>Urochloa mutica</i>	30	34	33	15	26	28	32	15	24	10		247	24.7
4.	<i>Gomphrena Serrata L.</i>		02		06	02	01						11	1.1
5.	<i>Indigofera tinctoria L.</i>					02	01	05					08	0.8
6.	<i>Eleutherococcus trifoliatus L.</i>					02							02	0.2
7.	<i>Cerastium nutans</i>							01					01	0.1
8.	<i>Trifolium repens</i>								11		11		22	2.2
9.	<i>Centella Cordifolia</i>										01		01	0.1
10.	<i>Mentha suaveolens</i>						01						01	0.1
11.	<i>Ocimum gratissimum</i>	01									01		02	0.2
12.	<i>Crotalaria prostrata</i>		04			03		01					08	0.8

Signature: *Gowanga Mandal*



Date: 16.07.2018

TREE INVENTORY

EVENT NAME: World Environment Day

EVENT DATE: 5th June, 2018

LOCATION: College Campus

TOTAL NO. OF TREES: 53

A substitute format (i.e. database spreadsheet, computerized inventory printout, etc..) may be used with approval of the Grant Supervisor.

LOCAL NAME	SPECIES NAME	NAME OF FAMILY	QUANTITY	TYPE OF PLANTATION			
				INDIGENOUS	MEDICINAL	ORNAMENTAL	EXOTIC
কুমিল্লিবাগ	<i>Chrysanthemum indicum</i>	Asteraceae	10	✓		✓	
চন্দ্রমাল	<i>Rosa cinnamomea</i>	Rosaceae	08			✓	✓
সার	<i>Diospyros malabarica</i>	Ebenaceae	04	✓			
হুঁতুল	<i>Tamarindus indica</i>	Fabaceae	01	✓			
পেপে	<i>Carica papaya</i>	Caricaceae	05	✓	✓		
আনারস	<i>Ananas Comosus</i>	Bromeliaceae	06				✓
ডাঙ্গ	<i>Rubus armeniacus</i>	Rosaceae	01	✓			
আম	<i>Annona muricata</i>	Annonaceae	02	✓			
কাঁকড়া	<i>Syzygium Samaranga</i>	Myrtaceae	02	✓			
শেঁকড়ি	<i>Viola wittrockiana</i>	Violaceae	09			✓	✓
আডে বিয়ার	<i>Adenium G. Don</i>	Apocynoideae	04				✓
কোরাল	<i>Selenicereus Undatus</i>	Cactaceae	01				✓

I certify that the above information is correct.

Signature of Green Campus Committee Member:

Mamun Miah



Date: 11.06.2018

1. Place

- Ground Floor
- 1st Floor
- 2nd floor
- Rooftop
- Play-ground
- Garden

2. Date

17.1.18

3. Name of the surveyor

Juli Iskhatun

Roll no
= 180131300052



Greening of College Campus

33. Participating in a clean-up drive

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1	2	3	4	5 ✓

34. Following environmental rule and regulation strictly

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1	2	3	4 ✓	5

35. Supporting College's advocacy in protecting the college environment.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1	2	3	4 ✓	5

36. Monitoring and evaluating the progress of greening the college

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1	2	3	4 ✓	5

37. Adopting an environmental vision statement to be achieved

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1	2	3	4	5 ✓

38. Placing of trash bins in different college areas.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1	2	3	4 ✓	5



39. Placing of signage about greening the school in different college area.

1	2	3	4 ✓	5
---	---	---	-----	---

40. Segregation of biodegradable and non-biodegradable waste materials.

1	2	3	4 ✓	5
---	---	---	-----	---

41. Inform the college community about solid waste management.

1	2	3	4 ✓	5
---	---	---	-----	---

42. Participating in tree planting activity.

1	2	3	4	5 ✓
---	---	---	---	-----

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 Microsoft Forms



1. Place

Ground Floor

1st Floor

2nd floor

Rooftop

Play-ground

Garden

2. Date

17.1.18

3. Name of the surveyor

Aowesha Roaj

18013130001



Energy Conservation

24. Turning off the lights when leaving the room.

1 2 3 4 ✓ 5

25. Using energy efficient light bulbs.

1 2 3 4 5 ✓

26. Walking or riding a bicycle instead of driving to college

1 2 3 4 ✓ 5

27. Switching off the ventilations when not in use

1 2 3 ✓ 4 5

28. Fixing dripping hot water faucets

1 2 3 ✓ 4 5

29. Reusing paper and bottles

1 2 3 4 ✓ 5



30. Recycling materials into a useful one.

1 2 3 4 ✓ 5

31. Closing the door after people walk through the doorway

1 2 3 4 5 ✓

32. turning off the computer when not in use

1 2 3 4 5 ✓



1. Place

Ground Floor

1st Floor

2nd floor

Rooftop

Play-ground

Garden

2. Date

17.01.2018

3. Name of the surveyor

ABHIJIT BADYAKAR

180131300002



Water Conservation

14. Repairing the leaky faucet

1

2

3 ✓

4

5

15. Repairing leaky toilets

1

2

3 ✓

4

5

16. Throwing the garbage in the cannel/drain

1

2

3

4 ✓

5

17. Replacing old equipment such as dishwashers with energy-saving devices

1

2

3

4

5 ✓

18. Talking to college administrators, maintenance coordinator and college officials about installing rainwater tanks

1

2

3

4 ✓

5

19. Installing water aerators and automatic shut-off devices on faucets

1

2

3 ✓

4

5



20. Using refillable water bottle

1 2 3 4 5 ✓

21. Turning the tap off as soon as you've washed your hands

1 2 3 4 5 ✓

22. Placing containers under college water fountains and use excess water in the garden

1 2 3 4 5 ✓

23. Raising awareness of the importance of water by creating colourful posters on water use and water saving.

1 2 3 4 5 ✓



1. Place

Ground Floor

1st Floor

2nd floor

Rooftop

Play-ground

Garden

2. Date

17.01.18

3. Name of the surveyor

Baisakhi Roy

Roll no
180131300025



Solid Waste Management

4. Segregating waste (bio-degradable from non-biodegradable)

1 2 3 4 ✓ 5

5. Throwing or disposing the garbage property

1 2 3 4 ✓ 5

6. Using materials that are environmental friendly

1 2 3 4 ✓ 5

7. Burning of Waste at high temperature

1 2 3 4 5 ✓

8. Using sanitary landfills

1 2 3 4 5 ✓

9. Recycling materials such as plastic cups, bottles etc.

1 2 3 4 ✓ 5



10. Throwing hazardous waste products in the garbage can.

1 2 3 4 ✓ 5

11. Disposing electric waste products in the garbage can.

1 2 3 4 ✓ 5

12. Composting organic waste materials (vegetable peels, eggshells, etc.)

1 2 3 4 5 ✓

13. Creating commodities out of traditional waste products.

1 2 3 ✓ 4 5



1. Place

Ground Floor

1st Floor

2nd floor

Rooftop

Play-ground

Garden

2. Date

16.07.2018

3. Name of the surveyor

Pooja Mishra

Roll No. - 180131300085



Greening of College Campus

33. Participating in a clean-up drive

1	2	3	4 ✓	5
---	---	---	-----	---

34. Following environmental rule and regulation strictly

1	2	3 ✓	4	5
---	---	-----	---	---

35. Supporting College's advocacy in protecting the college environment.

1	2	3	4 ✓	5
---	---	---	-----	---

36. Monitoring and evaluating the progress of greening the college

1	2	3	4 ✓	5
---	---	---	-----	---

37. Adopting an environmental vision statement to be achieved

1	2	3 ✓	4	5
---	---	-----	---	---

38. Placing of trash bins in different college areas.

1	2	3	4 ✓	5
---	---	---	-----	---



39. Placing of signage about greening the school in different college area.

1 2 3 4 5 ✓

40. Segregation of biodegradable and non biodegradable waste materials.

1 2 3 ✓ 4 5

41. Inform the college community about solid waste management.

1 2 3 4 ✓ 5

42. Participating in tree planting activity.

1 2 3 4 ✓ 5

This content is neither created nor endorsed by Microsoft. The data you submit will be sent to the form owner.

 Microsoft Forms



1. Place

Ground Floor

1st Floor

2nd floor

Rooftop

Play-ground

Garden

2. Date

16.07.2018

3. Name of the surveyor

Puja Mondal

Roll No - 180131300097



Energy Conservation

24. Turning off the lights when leaving the room.

1 2 3 4 ✓ 5

25. Using energy efficient light bulbs.

1 2 3 4 5 ✓

26. Walking or riding a bicycle instead of driving to college

1 2 3 4 ✓ 5

27. Switching off the ventilations when not in use

1 2 3 4 ✓ 5

28. Fixing dripping hot water faucets

1 2 3 4 ✓ 5

29. Reusing paper and bottles

1 2 3 ✓ 4 5



30. Recycling materials into a useful one.

1

2

3

4

✓ 5

31. Closing the door after people walk through the doorway

1

2

3

4

5 ✓

32. turning off the computer when not in use

1

2

3

4

✓ 5



1. Place

- Ground Floor
- 1st Floor
- 2nd floor
- Rooftop
- Play-ground
- Garden

2. Date

16.07.2018

3. Name of the surveyor

Rashmi Bagdi

Roll No
18013130011



Water Conservation

14. Repairing the leaky faucet

1 2 ✓ 3 ✓ 4 5

15. Repairing leaky toilets

1 2 ✓ 3 4 5

16. Throwing the garbage in the cannel/drain

1 2 3 ✓ 4 5

17. Replacing old equipment such as dishwashers with energy saving devices

1 2 3 ✓ 4 5

18. Talking to college administrators, maintenance coordinator and college officials about installing rainwater tanks

1 2 3 4 ✓ 5

19. Installing water aerators and automatic shut off devices on faucets

1 2 3 4 ✓ 5



20. Using refillable water bottle

1

2

3

4

5 ✓

21. Turning the tap off as soon as you've washed your hands

1

2

3

4 ✓

5

22. Placing containers under college water fountains and use excess water in the garden

1

2

3

4 ✓

5

23. Raising awareness of the importance of water by creating colourful posters on water use and water saving.

1

2

3 ✓

4

5



1. Place

- Ground Floor
- 1st Floor
- 2nd floor
- Rooftop
- Play-ground
- Garden

2. Date

16.07.2018

3. Name of the surveyor

Sagarika Mendal

Roll no
180131300121



Solid Waste Management

4. Segregating waste (bio-degradable from non-biodegradable)

1 2 3 ✓ 4 5

5. Throwing or disposing the garbage property

1 2 3 4 ✓ 5

6. Using materials that are environmental friendly

1 2 3 4 ✓ 5

7. Burning of Waste at high temperature

1 2 3 ✓ 4 5

8. Using sanitary landfills

1 2 3 ✓ 4 5

9. Recycling materials such as plastic cups, bottles etc.

1 2 3 ✓ 4 5



10. Throwing hazardous waste products in the garbage can.

1	2	3	4 ✓	5
---	---	---	-----	---

11. Disposing electric waste products in the garbage can.

1	2	3	4 ✓	5
---	---	---	-----	---

12. Composting organic waste materials (vegetable peels, eggshells, etc.)

1	2	3	4	5 ✓
---	---	---	---	-----

13. Creating commodities out of traditional waste products.

1	2	3 ✓	4	5
---	---	-----	---	---



TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

NOISE LOG

(Should be kept by a person experiencing Noise Nuisance)

Name of Student: ABDUL RAHAMAN Date of Survey: 17 Jan, 2018
 Device Type: Android App Instrument Name of Device: dB Sound meter

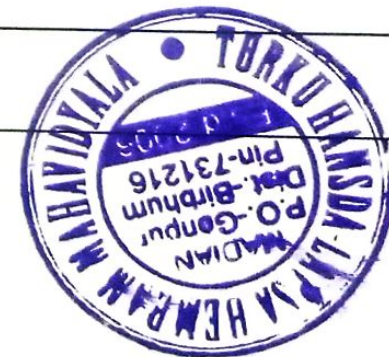
Place of Survey:	Inside campus area <input type="checkbox"/>	Class room <input checked="" type="checkbox"/>	Office <input type="checkbox"/>	Canteen <input type="checkbox"/>
	Outside campus <input type="checkbox"/>	Lawn <input type="checkbox"/>	Laboratory <input type="checkbox"/> (comp./phy./chem.)	Library <input type="checkbox"/>

(if class room put the room no.=206)

Sl. No.	Min Reading	Max Reading	Avg. Noise Label	Total Time of Survey	Other Comment
1.	26.5	35.2	32.1	10 min	
2.	27.3	37.8	28.5	10 min	
3.	30.1	41.7	35.3	10 min	
4.	28.7	40.3	34.6	10 min	

I, hereby confirm that the above list is a true record of events.

Signature: Abdul Rahman



TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

NOISE LOG

(Should be kept by a person experiencing Noise Nuisance)

Name of Student:

AGAMANI BHATTACHARYA

Date of Survey:

17 Jan 2018

Device Type:

Android App

Instrument

Name of Device:

dB Sound meter

Place of Survey:

Inside campus area

Class room

Office

Canteen

Outside campus

Lawn

Laboratory
(comp./phy./chem.)

Library

(if class room put the room no.= _____)

Sl. No.	Min Reading	Max Reading	Avg. Noise Label	Total Time of Survey	Other Comment
1.	44.2	68.5	64.1	10 min	
2.	40.7	72.3	66.2	10 min	
3.	35.6	59.1	65.8	10 min	
4.	32.3	58.5	56.4	10 min	

I, hereby confirm that the above list is a true record of events.

Signature:

Agamani Bhattacharya



TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

NOISE LOG

(Should be kept by a person experiencing Noise Nuisance)

Name of Student:

AMIT KUMAR MONDAL

Device Type:

Android App

Instrument

Date of Survey: 17 Jan, 2018

Name of Device: dB Sound meter

Place of Survey:

Inside campus area

Class room

Office

Canteen

Outside campus

Lawn

Laboratory
(comp./phy./chem.)

Library

(if class room put the room no.= _____)

Sl. No.	Min Reading	Max Reading	Avg. Noise Label	Total Time of Survey	Other Comment
1.	39.6	73	60	6 min	
2.	37.1	69.7	59.2	8 min	
3.	38.9	65.2	58.7	8 min	
4.	38.4	63.7	59.2	6 min	

I, hereby confirm that the above list is a true record of events.

Signature:

Amit Kumar Mondal



TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

NOISE LOG

(Should be kept by a person experiencing Noise Nuisance)

Name of Student: ANU PRAMANIK Date of Survey: 17.01.18
 Device Type: Android App Instrument Name of Device: dB Sound meter

Place of Survey:	Inside campus area <input type="checkbox"/>	Class room <input checked="" type="checkbox"/>	Office <input type="checkbox"/>	Canteen <input type="checkbox"/>
	Outside campus <input type="checkbox"/>	Lawn <input type="checkbox"/>	Laboratory (comp./phy./chem.) <input type="checkbox"/>	Library <input type="checkbox"/>

(if class room put the room no.= 117)

Sl. No.	Min Reading	Max Reading	Avg. Noise Label	Total Time of Survey	Other Comment
1.	40.5	58.9	51.3	10 min	
2.	32.3	55.4	44.2	20 min	
3.	31.2	54.2	42.4	10 min	
4.	35.3	60.2	52.1	10 min	

I, hereby confirm that the above list is a true record of events.

Signature: Anu Pramanik



TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

NOISE LOG

(Should be kept by a person experiencing Noise Nuisance)

Name of Student:	ANUPAMA SADHU	Date of Survey: 17 Jan, 2018
Device Type:	Android App <input checked="" type="checkbox"/> Instrument <input type="checkbox"/>	Name of Device: dB Sound Meter

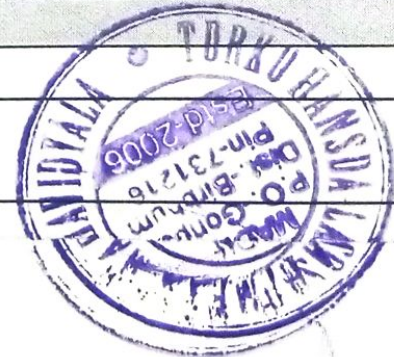
Place of Survey:	Inside campus area <input type="checkbox"/>	Class room <input type="checkbox"/>	Office <input type="checkbox"/>	Canteen <input type="checkbox"/>
	Outside campus <input type="checkbox"/>	Lawn <input type="checkbox"/>	Laboratory (comp./phy./chem.) <input type="checkbox"/>	Library <input checked="" type="checkbox"/>

(if class room put the room no.= _____)

Sl. No.	Min Reading	Max Reading	Avg. Noise Label	Total Time of Survey	Other Comment
1.	32.4	49.6	40.2	10 min	Nearest sound source is conversation
2.	34.3	52.5	41.3	10 min	Main source of sound is conversation
3.	31.1	53.8	43.7	10 min	--
4.	33.2	47.8	42.6	10 min	Main source of sound is environment

I, hereby confirm that the above list is a true record of events.

Signature: Anupama Sadhu



TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

NOISE LOG

(Should be kept by a person experiencing Noise Nuisance)

Name of Student: BULTI DAS Date of Survey: 17 Jan, 2018
 Device Type: Android App Instrument Name of Device: dB sound Meter

Place of Survey: Inside campus area Class room Office Canteen
 Outside campus Lawn Laboratory (comp./phy./chem.) Library

(if class room put the room no.= _____)

Sl. No.	Min Reading	Max Reading	Avg. Noise Label	Total Time of Survey	Other Comment
1.	45.1	64.8	62.4	10 min	Main sound source is exhaust fan
2.	42.3	66.6	61.3	10 min	Nearest source is exhaust fan
3.	41.7	68.7	64.5	10 min	exhaust fan
4.	36.6	52.3	40.8	10 min	exhaust fan is off

I, hereby confirm that the above list is a true record of events.

Signature: Bulti das



NOISE LOG

(Should be kept by a person experiencing Noise Nuisance)

Name of Student: GOPAL CHODHURY Date of Survey: 17/01/18
 Device Type: Android App Instrument Name of Device: dB Sound meter

Place of Survey:

Inside campus area <input type="checkbox"/>	Class room <input type="checkbox"/>	Office <input checked="" type="checkbox"/>	Canteen <input type="checkbox"/>
Outside campus <input type="checkbox"/>	Lawn <input type="checkbox"/>	Laboratory (comp./phy./chem.) <input type="checkbox"/>	Library <input type="checkbox"/>

(if class room put the room no.= _____)

Sl. No.	Min Reading	Max Reading	Avg. Noise Label	Total Time of Survey	Other Comment
1.	52.6	87.8	70.6	10 min	
2.	44	84.8	67.9	10 min	
3.	47.5	83.9	65.7	10 min	
4.	54.4	82.8	70.6	10 min	

I, hereby confirm that the above list is a true record of events.

Signature: Gopal Choudhury



TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

NOISE LOG

(Should be kept by a person experiencing Noise Nuisance)

Name of Student:

CHIRANJIT MONDAL

Date of Survey:

17/01/20

Device Type:

Android App

Instrument

Name of Device:

dB Sound Meter

Place of Survey:

Inside campus area

Class room

Office

Canteen

Outside campus

Lawn

Laboratory
(comp./phy./chem.)

Library

(if class room put the room no.=_____)

Sl. No.	Min Reading	Max Reading	Avg. Noise Label	Total Time of Survey	Other Comment
1.	60.2	83.3	74.5	10 min	
2.	63.4	87.8	77.5	10 min	
3.	62.4	85.7	76.9	10 min	
4.	54.9	83.6	76.7	08 min	

I, hereby confirm that the above list is a true record of events.

Signature:

Chiranjit Mondal



1. Place

- Ground Floor
- 1st Floor
- 2nd floor
- Rooftop
- Play-ground
- Garden

2. Date

14.01.2019

3. Name of the surveyor

Saumen Mondal

Roll-190131300159



Energy Conservation

24. Turning off the lights when leaving the room.

1 2 3 4 ✓ 5

25. Using energy efficient light bulbs.

1 2 3 4 5 ✓

26. Walking or riding a bicycle instead of driving to college

1 2 3 4 ✓ 5

27. Switching off the ventilations when not in use

1 2 3 4 ✓ 5

28. Fixing dripping hot water faucets

1 2 3 ✓ 4 5

29. Reusing paper and bottles

1 2 3 ✓ 4 5



30. Recycling materials into a useful one.

1 2 3 4 ✓ 5

31. Closing the door after people walk through the doorway

1 2 3 4 ✓ 5

32. turning off the computer when not in use

1 2 3 4 5 ✓



1. Place

Ground Floor

1st Floor

2nd floor

Rooftop

Play-ground

Garden

2. Date

14.01.2019

3. Name of the surveyor

Dhanbaber Hembrom

Roll no - 190131300044



Water Conservation

14. Repairing the leaky faucet

1 2 ✓ 3 4 5

15. Repairing leaky toilets

1 2 3 ✓ 4 5

16. Throwing the garbage in the canal/drain

1 2 3 ✓ 4 5

17. Replacing old equipment such as dishwashers with energy-saving devices

1 2 3 4 5 ✓

18. Talking to college administrators, maintenance coordinator and college officials about installing rainwater tanks

1 2 3 4 5 ✓

19. Installing water aerators and automatic shut-off devices on faucets

1 2 3 4 5 ✓



20. Using refillable water bottle

1 2 3 4 ✓ 5

21. Turning the tap off as soon as you've washed your hands

1 2 3 4 5 ✓

22. Placing containers under college water fountains and use excess water in the garden

1 2 3 4 ✓ 5

23. Raising awareness of the importance of water by creating colourful posters on water use and water saving.

1 2 3 4 ✓ 5



1. Place

Ground Floor

1st Floor

2nd floor

Rooftop

Play-ground

Garden

2. Date

14. 1. 2019

3. Name of the surveyor

Dhriti surdan Putta.

Roll No - 190131300045



Solid Waste Management

4. Segregating waste (bio-degradable from non-biodegradable)

1 2 3 ✓ 4 5

5. Throwing or disposing the garbage property

1 2 3 4 ✓ 5

6. Using materials that are environmental friendly

1 2 3 4 ✓ 5

7. Burning of Waste at high temperature

1 2 3 4 5 ✓

8. Using sanitary landfills

1 2 3 4 5 ✓

9. Recycling materials such as plastic cups, bottles etc.

1 2 3 4 ✓ 5



10. Throwing hazardous waste products in the garbage can.

1 2 3 ✓ 4 5

11. Disposing electric waste products in the garbage can.

1 2 3 4 ✓ 5

12. Composting organic waste materials (vegetable peels, eggshells, etc.)

1 2 3 4 ✓ 5

13. Creating commodities out of traditional waste products.

1 2 3 ✓ 4 5



1. Place

- Ground Floor
- 1st Floor
- 2nd floor
- Rooftop
- Play-ground
- Garden

2. Date

14.01.2019

3. Name of the surveyor

Ahasana Khatun

190131300003



Greening of College Campus

33. Participating in a clean-up drive

1 2 3 4 5 ✓

34. Following environmental rule and regulation strictly

1 2 3 4 ✓ 5

35. Supporting College's advocacy in protecting the college environment.

1 2 3 4 ✓ 5

36. Monitoring and evaluating the progress of greening the college

1 2 3 4 ✓ 5

37. Adopting an environmental vision statement to be achieved

1 2 3 4 ✓ 5

38. Placing of trash bins in different college areas.

1 2 3 4 5 ✓



39. Placing of signage about greening the school in different college area.

1 2 3 4 ✓ 5

40. Segregation of biodegradable and non-biodegradable waste materials.

1 2 3 4 ✓ 5

41. Inform the college community about solid waste management.

1 2 3 ✓ 4 5

42. Participating in tree planting activity.

1 2 3 4 5 ✓

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 Microsoft Forms



TREE INVENTORY

EVENT NAME: World Environment Day

EVENT DATE: 5th June, 2019

LOCATION: College Campus

TOTAL NO. OF TREES:

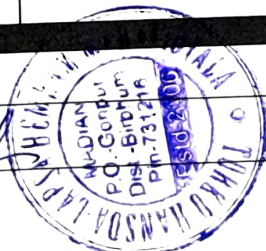
A substitute format (i.e. database spreadsheet, computerized inventory printout, etc..) may be used with approval of the Grant Supervisor.

LOCAL NAME	SPECIES NAME	NAME OF FAMILY	QUANTITY	TYPE OF PLANTATION			
				INDIGENOUS	MEDICINAL	ORNAMENTAL	EXOTIC
১) মরিচ	Curcuma longa	Zingiberaceae	10	✓	✓		
২) সপতলা	Justicia adhatoda	Acanthaceae	01	✓	✓		
৩) তুলসী	Ocimum tenuiflorum	Lamiaceae	10	✓	✓		
৪) সান সান	Centella asiatica	Apiaceae	15	✓	✓		
৫) কালোআম	Hygrophila auriculata	Acanthaceae	12+06	✓	✓		
৬) গোলাপ	Dahlia pinnata	Asteraceae	14			✓	✓
৭) চন্দ্রকাঞ্চন	chrysanthemum indicum	Asteraceae	07	✓		✓	
৮) সন্দ্বীপ	Nerium oleander	Apocynaceae	06	✓		✓	
৯) পলাশ	Viola wittrockiana	Violaceae	11			✓	✓
১০) ময়নাকী	Catharanthus roseus	Apocynaceae	15	✓		✓	

I certify that the above information is correct.

Signature of

Green Campus Committee Member: Kanchan Paul



Date: 05.06.2019

Turku Hansda Lapsa Hemram Mahavidyalay

Green Campus Committee Debris Monitoring and Assessment Project

Debris Survey Form

SURVEYOR NAME: Arjun Mandal

SITE NAME: Front side of college

DATE: 14/01/19

AREA LENGTH: 20 m

AREA WIDTH: 20 m

SEARCH TEAM SIZE:

1

2

DEBRIS REMOVAL:

all/most

some

none

CONSISTENCY CHECK:

Yes

no

ITEM COUNTS:

PLASTIC	Quantity	METAL	Quantity
Film	00	Metal fragments	10
Foam	08	Aerosol cans	02
Bottles	04	Aluminum/tin cans	01
Container Caps	09	Other Metal	00
Cups	14	GLASS	
Food Wrappers	21	Glass fragments	~ 09
Other container	02	Bottles	04
Straws	05	Jars	00
Cigar tips	10	Other glass	00
Cigarettes	04	PROCESSED WOOD	
Rope & nets	06	Cardboard cartons	04
Other plastics	00	Paper & cardboard	13
		Paper bags	01
		Other	00

Signature: Arjun Mandal



Turku Hansda Lapsa Hemram Mahavidyalay

Green Campus Committee Debris Monitoring and Assessment Project

Debris Survey Form

SURVEYOR NAME: *Bakul Mandal*

SITE NAME: *Bank side of college*

DATE: *14.01.19*

AREA LENGTH: *20 m*

AREA WIDTH: *20 m*

SEARCH TEAM SIZE:

- 1
 2

DEBRIS REMOVAL:

- all/most
 some
 none

CONSISTENCY CHECK:

- Yes
 no

ITEM COUNTS:

PLASTIC	Quantity	METAL	Quantity
Film	00	Metal fragments	00
Foam	04	Aerosol cans	00
Bottles	03	Aluminum/tin cans	01
Container Caps	04	Other Metal	06
Cups	08	GLASS	
Food Wrappers	10	Glass fragments	12
Other container	00	Bottles	00
Straws	00	Jars	00
Cigar tips	01	Other glass	05
Cigarettes	03	PROCESSED WOOD	
Rope & nets	01	Cardboard cartons	00
Other plastics	00	Paper & cardboard	05
		Paper bags	02
		Other	03

Signature: *Bakul Mandal*



Survey Organized by Green Campus Committee

TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

LAB-WISE WATER CONSUMPTION

Madian, Mallarpur, Birbhum, WB 731216

Serial No. 01

Lab Name: Chemistry

Determination Of quantity by:

Water Metering

Calculation

Survey Date: 19.01.19

Survey start Time: 11:30

Survey end Time: 1:30

Water Use Reported in: Acre-Foot

Gallons

Million Gallons

Liter

Sl. No.	pH Level	No. of Tap Water points	Meter Reading		Total Water Used (b-a) in (lt/d)
			Start (a)	End (b)	
1.		10	834	840	06
2.					
3.					
4.					

Name of Student: ABINASH MURMU

Signature Abinash Murmu

Member of: Green Volunteer

Eco-Club

None (Student)

Office Use Only

Signature of

Green Committee member:

Mamun Murmu



Survey Organized by Green Campus Committee

TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

LAB-WISE WATER CONSUMPTION

Madian, Mallarpur, Birbhum, WB 731216

Serial No. 02

Lab Name: Geography

Determination Of quantity by:

Water Metering

Calculation

Survey Date: 14.1.19

Survey start Time: 11:30

Survey end Time: 1:30

Water Use Reported in: Acre-Foot

Gallons

Million Gallons

Liter

Sl. No.	pH Level	No. of Tap Water points	Meter Reading		Total Water Used (b-a) in (lt/d)
			Start (a)	End (b)	
1.		01	315	320	05
2.					
3.					
4.					

Name of Student: AJAY BAGDI

Signature Ajai Bagdi

Member of: Green Volunteer

Eco-Club

None (Student)

Office Use Only

Signature of Green Committee member: Manu Murdo

