

Green And Energy Audit Report



Government college Meham



Green Audit Committee

Name of Members	Designation	Department	Institute
Dr. Vinay Malik (Convenor)	Professor	Zoology	MDU Rohtak
Sh. R.C. Punia	Retd. Principal		GC Meham
Dr. Renu Jatain	Assistant Professor	Botany	GPGCW Rohtak
Ms. Manju Chikkara	Assistant Professor	Zoology	GPGCW Rohtak
Sh. Rohit Kumar	Associate Professor	Geography	GC Meham



Principal, Govt. College, Meham (Rohtak)

gcmeham@gmail.com (University)



gcmeham@yahoo.co.in (Higher Education)

Ref. No. Sp/1-001

Dated 2/8/2023

A committee is constituted for Green Audit to record, document analyse and report on the environmental aspects which should be maintained in the college campus.

1. Dr. Vinay Malik Professor Deptt. of Zoology MDU Rohtak (Convenor)
2. Sh. R.C Punia Principal (Retd.)
3. Dr. Renu Jatain Assistant Professor Botany, GPGCW Rohtak
4. Mr. Manju Chikkara Assistant Professor Zoology GPGCW Rohtak
5. Sh. Rohit Kumar, Co-ordinator NAAC Associate Professor Geography Govt.College Meham

Date:- 2/08/2023

Principal
Govt. College, Meham

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Introduction

The fieldwork and data collection for Green Audit was carried out in September 2023 at Govt. College, Meham. The Green Audit was carried out by a committee comprising a Professor (convenor) from Department of Zoology, MDU Rohtak the affiliating university, a Retired Principal, an Associate and an Assistant professor from the nearby Govt. Colleges as members.

In this green and energy audit the examination of Energy Consumption patterns, Usage and Management of Water, Waste Management and Recycling and Biodiversity & Ecosystem were undertaken.

In this report the team gives the observations and recommendations to the college administration for the sustainable use and conservation of resources.

Executive Summary

The areas covered in the assessment are as follows: -

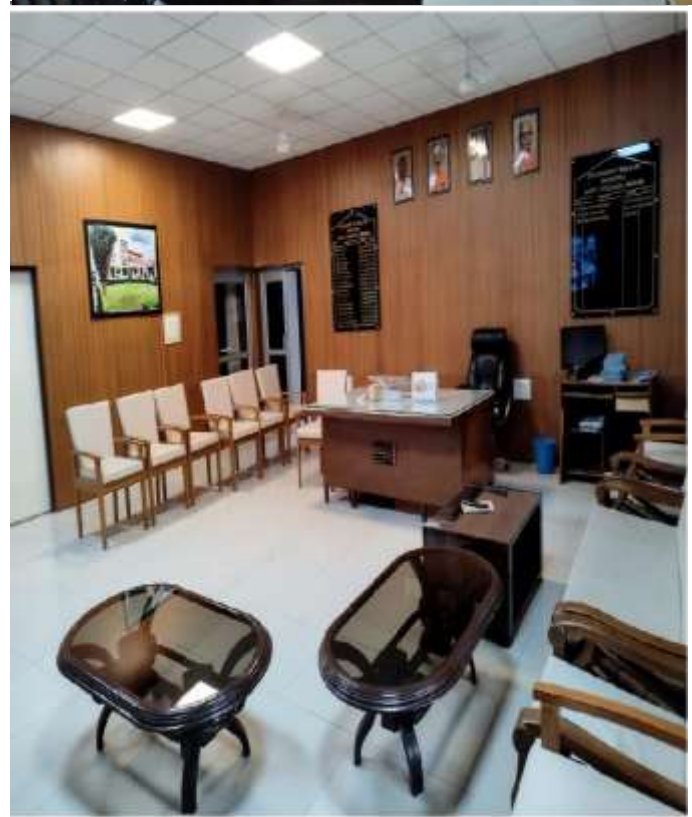
1. Energy Consumption
2. Water Usage and Management
3. Waste Management and Recycling
4. Biodiversity and Ecosystem
5. Environmental Education and Community Engagement

The observations and recommendations of this audit are given as under: -

1. Energy Consumption
 - Power factor is 0.99
 - The sanctioned load is less than demand.
 - LEDs are installed in place of conventional lights.
 - HVAC systems are energy efficient.
 - Installation of solar panels is highly recommended.
2. Water usage and management
 - Water is fit and safe for drinking.
 - Water Harvesting Systems are in place for water conservation.
 - Small scale and primitive recycling unit is recommended.
3. Waste Management and recycling
 - Appropriate arrangements for Solid, liquid, E-Waste, Biomedical and hazardous waste management.
 - Plastic Free Campus.
 - It is recommended to sign MOUs with recycling units of hazardous/e-waste.
4. Biodiversity and Ecosystem
 - Good diversity of Flora and Fauna.
 - Dedicated space for trees.
5. Environmental Education and Community Engagement
 - Awareness and engagement is ensured through various activities.

Chapter – I : ENERGY CONSUMPTION

1.1 Electricity



Government College Meham

Consumption Pattern of Electricity (Oct 2022 - Sep 2023)

Electricity Supply

The college uses energy in the form of electricity purchased from UHBVN (Uttar Haryana Bijli Vitran Nigam) under tariff category LTS-NDS on supply voltage of 0.40 KV. The college has sanctioned load **19.90 KW/CD**. The fixed charges are Rs. 0 per KWh and energy charges Rs. 7.38 per KWh.

Electricity Consumption

Sr. No.	Duration	Consumption (KWh)	Charges (Rs.)	Metre Reading (KWh)	Metre Reading (KVAh)	Power Factor	MDI (KW)
1.	29/09/2022 - 21/11/2022	8728.14	76040	8728.14	8784.24	0.99	12.55
2.	21/11/2022 - 20/01/2023	9095.39	78841	9095.39	9133.95	0.99	21.35
3.	20/01/2023 - 25/03/2023	9033.44	78368	9033.44	9078.24	0.99	13.43
4.	25/03/2023 - 23/05/2023	9692.97	87573	9692.97	9753.41	0.99	32.97
5.	23/05/2023 - 19/07/2023	9347.28	75778	9347.28	9384.82	0.99	28.24
6.	19/07/2023 - 22/09/2023	17091.74	138562	17091.74	17134.32	0.99	43.43

Figure: Graphical representation of Monthly Unit Consumption (year 2022-23)



12/10/2023
SDO "OP" S/Divn.
UHBVN., Meham



UTTAR HARYANA BIJLI VITRAN NIGAM LIMITED
(A Government of Haryana Undertaking)
Website: www.uhbn.org.in



Electricity Bill

Duplicate Bill



1 0 1 2 0 7 1 0 0 0 7 6 0 4 0 0 1 1 2 2 0 2 2 7 8 2 5 6

Account No: 1012071000

Name: P G COLLEGE	Account No: 1012071000	Net Payable Amount on or before Due Date (₹): 76040.00
Address: Meham, MEHAM, Meham, HR, IND	Old Acct No: 2242203UMAD0251X	Due Date: 01/12/2022
	K No: R34MMAD0251X	Surcharge(₹): 2216.00
Circle : Rohtak	Cycle/Group: GDZH03U	Issue Date: 21/11/2022
Division: Sub-Urban No.1 Rohtak	Bill Month: NOV/2022	Gross Amount Payable After Due Date(₹): 78256.00
Sub Division: R34-Meham	Bill No: 101203051866	
Net Payable Amount in words: Seventy Six Thousand Forty Rupees Only		

User Id:- reportus Generated On:- 11-10-2023 11:55:33

Meter and Read Details (* Latest MCO is shown in case of multiple MCO in one billing cycle)													
Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mtr Sts
	Old	New				Old	New						
7589921	29/09/2022	21/11/2022	53	12.55 (KW)	kWh	29706	38434.14	1	8728.14	8728.14	OK	OK	A
7589921	29/09/2022	21/11/2022	53	0.00 ()	kVAh	29911	38695.24	1	8784.24	8784.24	OK	OK	A

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details	
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category	LTS-NDS
SOP Charges	0.00	0.00	0.00	8728.14	7.380	64413.67	Flats in BS (DS)	NA
F.S.A.	0.00	0.00	0.00	Total		64413.67	Supply Voltage(kV)	0.40 kV
Surcharge	0.00	0.00	0.00	Applicable Tariff on Read Date:				Sanctioned Load (Kw/CD)
E. Duty	0.00	0.00	0.00					MMC(₹)
M. Tax	0.00	0.00	0.00					Security Deposit
Fixed Charges	0.00	0.00	0.00					DOC/DOE
Excess Credit	0.00	-0.17	-0.17					Meter Ownership/MDI Meter
Total Arrear	0.00	-0.17	-0.17					Meter Make/Meter Type

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details				
Description	Amount (₹)	Description	Amount (₹)	Amount(₹)		188540.00		
Fixed Charges	0.00	Current Cycle Charges	76040.08	Receipt No		101207198070		
Energy Charges	64413.67	Arrears/Outstanding Dues	-0.17	Receipt Date		12/10/2022		
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.17/-0.17	Mode of Payment		DD		
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Previous Consumption Pattern				
Fuel Surcharge Adjustment	0.00	LPS Adjustment	0.00					
TDS/TCS	0.00/0.00	Adv. Security Deposit Amt*/Non Energy chrg	9465.33	Bill month	Units (KWH)	Units (KVAH)	MDI	Status
Excess Load Surcharge	0.00	Net Payable Amount	76040.00	Mar-2021	4215	0	0	OK
Capacitor Surcharge	0.00	On Or Before Due Date(₹)		Sep-2021	13851.6	0	0	AV
MSC/Green Energy Premium	0.00/0.00	Surcharge(₹)	2216.00	Nov-2021	6936.39	0	0	AV
Line Service Charges	0.00	Gross Amount Payable After Due Date(₹)	78256.00	Mar-2022	5946.1	0	0	AV
Capacitor Service Charges	0.00			May-2022	34720.8	35013.81	47.41	OK
				Oct-2022	32704.1	32928.19	41.7	OK
Solar Rebate /Prepaid Rebate/Gaushala Rebate	0.00/0.00/0.00	Brief details of Sundry charges /allowances			PAN / TAN : /			
Govt. Subsidy/Battery Rbt	0.00/0.00	Transfer Adjustment from Over Payment ()			Date from which bill other than "OK" is being issued:			
Electricity Duty	872.61	Transfer Adjustment from Over Payment ()			Reason:			
Municipal Tax / P Tax	1288.27							
Total Current Cycle Charges (₹)	76040.08							

DD to be drawn in favour of	SDO R34-Meham , UHBNV , MEHAM
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Important Information for consumers:	
Payment of this bill can be made online by logging on the Website: www.uhbn.org.in at any time and at office counter on all working days during working hours i.e. 09:00AM to 03:00PM.	This Bill be considered as a notice under section 56 of The Electricity Act 2003. Kindly pay the bill by due date. In case of default the connection is liable to be disconnected after 15 days of due date. This is an interest security amount and interest on this security @6.75 % shall be paid for FY 2023-24. T&C shall apply

Address and Telephone Number(s) of the authorities relating to consumers grievances			
Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the		For all type of complaints call at:
SDO 'OP' S/Divn UHBNV - R34-Meham	Consumer Grievance Redressal Forum	Ombudsman	1912 or 1800-180-1550 (Toll Free)
	Sector-8, VIDYUT SADAN, 1st Floor, Near GYMKHANA CLUB, Kurukshetra-136118	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID : 1912@uhbnv.org.in Contact No. - +91(172)2572299 WhatsApp No:- 9815961912	1800 180 2124 (Vigilance Toll Free)



UTTAR HARYANA BIJLI VITRAN NIGAM LIMITED
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Website: www.uhbvn.org.in



Electricity Bill

Duplicate Bill



1 0 1 2 0 7 1 0 0 0 7 8 8 4 1 3 0 0 1 2 0 2 3 8 1 1 3 9

Account No: 1012071000

Name: P G COLLEGE	Account No: 1012071000	Net Payable Amount on or before Due Date (₹): 78841.00
Address: Meham, MEHAM, Meham, HR, IND	Old Acct No: 2242203UMAD0251X	Due Date: 30/01/2023
	K No: R34MMAD0251X	Surcharge(₹): 2298.00
Circle: Rohtak	Cycle/Group: GDZH03U	Issue Date: 20/01/2023
Division: Sub-Urban No.1	Bill Month: JAN/2023	Gross Amount Payable After Due Date(₹): 81139.00
Rohtak	Bill No: 101205683597	
Sub Division: R34-Meham	Net Payable Amount in words: Seventy Eight Thousand Eight Hundred Forty One Rupees Only	

User Id:- reportus Generated On:- 11-10-2023 11:55:02

Meter and Read Details (* Latest MCO is shown in case of multiple MCO in one billing cycle)

Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mtr Sts
	Old	New				Old	New						
7589921	21/11/2022	20/01/2023	60	21.35 (KW)	kWh	38434.14	47529.53	1	9095.39	9095.39	OK	OK	A
7589921	21/11/2022	20/01/2023	60	0.00 ()	kVAh	38695.24	47629.19	1	9133.95	9133.95	OK	OK	A

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details	
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category	LTS-NDS
SOP Charges	0.00	0.00	0.00	9095.39	7.380	67123.98	Flats in BS (DS)	NA
F.S.A.	0.00	0.00	0.00	Total		67123.98	Supply Voltage(kV)	0.40 kV
Surcharge	0.00	0.00	0.00	Applicable Tariff on Read Date:				Sanctioned Load (Kw/CD)
E. Duty	0.00	0.00	0.00					19.90/
M. Tax	0.00	0.00	0.00					MMC(₹)
Fixed Charges	0.00	0.00	0.00					7400.00
Excess Credit	0.00	-0.09	-0.09					Security Deposit
Total Arrear	0.00	-0.09	-0.09					63691.99
								DOC/DOE
								01/11/1966/
								Meter Ownership/MDI Meter
								Nigam Meter/
								Meter Make/Meter Type
								HSPL /3-PH-MTR

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details				
Description	Amount (₹)	Description	Amount (₹)	Amount(₹)			76039.91	
Fixed Charges	0.00	Current Cycle Charges	78841.33	Receipt No			101207105632	
Energy Charges	67123.98	Arrears/Outstanding Dues	-0.09	Receipt Date			29/11/2022	
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.09/-0.09	Mode of Payment			DD	
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Previous Consumption Pattern				
Fuel Surcharge Adjustment	0.00	LPS Adjustment	0.00					
TDS/TCS	0.00/0.00	Adv. Security Deposit Amt*/Non Energy chrg	9465.33	Bill month	Units (KWH)	Units (KVAH)	MDI	Status
Excess Load Surcharge	0.00	Net Payable Amount	78841.00	Sep-2021	13851.6	0	0	AV
Capacitor Surcharge	0.00	On Or Before Due Date(₹)		Nov-2021	6936.39	0	0	AV
MSC/Green Energy Premium	0.00/0.00	Surcharge(₹)	2298.00	Mar-2022	5948.1	0	0	AV
Line Service Charges	0.00	Gross Amount Payable After Due Date(₹)	81139.00	May-2022	34720.8	35013.81	47.41	OK
Capacitor Service Charges	0.00			Oct-2022	32704.1	32928.19	41.7	OK
				Nov-2022	8728.14	8784.24	12.55	OK
Solar Rebate /Prepaid Rebate/Gaushala Rebate	0.00/0.00/0.00	Brief details of Sundry charges /allowances			PAN / TAN : /			
Govt. Subsidy/Battery Rbt	0.00/0.00	Transfer Adjustment from Over Payment ()			Date from which bill other than "OK" is being issued:			
Electricity Duty	909.54	Transfer Adjustment from Over Payment ()			Reason:			
Municipal Tax / P Tax	1342.48							
Total Current Cycle Charges (₹)	78841.33							

DD to be drawn in favour of	SDO R34-Meham , UHBVN , MEHAM
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Important information for consumers:	
Payment of this bill can be made online by logging on the Website: www.uhbvn.org.in at any time and at office counter on all working days during working hours i.e. 09:00AM to 03:00PM.	This Bill be considered as a notice under section 56 of The Electricity Act 2003. Kindly pay the bill by due date. In case of default the connection is liable to be disconnected after 15 days of due date. This is an interest security amount and interest on this security @6.75 % shall be paid for FY 2023-24. T&C shall apply

Address and Telephone Number(s) of the authorities relating to consumers grievances			
Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the		For all type of complaints call at:
SDO 'OP' S/Divn UHBVN - R34-Meham	Consumer Grievance Redressal Forum	Ombudsman	1912 or 1800-180-1550 (Toll Free)
	Sector-8, VIDYUT SADAN, 1st Floor, Near GYMKHANA CLUB, Kurukshetra-136118	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID : 1912@uhbvn.org.in Contact No. - +91(172)2572299 WhatsApp No:- 9815961912	1800 180 2124 (Vigilance Toll Free)



UTTAR HARYANA BIJLI VITRAN NIGAM LIMITED
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Website: www.uhbvn.org.in



Electricity Bill

Duplicate Bill



1 0 1 2 0 7 1 0 0 0 7 8 3 6 9 0 5 0 4 2 0 2 3 8 0 6 5 3

Account No: 1012071000

Name: P G COLLEGE	Account No: 1012071000	Net Payable Amount on or before Due Date (₹): 78369.00
Address: Meham, MEHAM, Meham, HR, IND	Old Acct No: 2242203UMAD0251X	Due Date: 05/04/2023
	K No: R34MMAD0251X	Surcharge(₹): 2284.00
Circle : Rohtak	Cycle/Group: GDZH/03U	Gross Amount Payable After Due Date(₹): 80653.00
Division: Sub-Urban No.I Rohtak	Bill Month: MAR/2023	Bill No: 101206708840
Sub Division: R34-Meham	Net Payable Amount in words: Seventy Eight Thousand Three Hundred Sixty Nine Rupees Only	

User Id:- reportus Generated On:- 11-10-2023 11:54:23

Meter and Read Details (* Latest MCO is shown in case of multiple MCO in one billing cycle)													
Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mtr Sts
	Old	New				Old	New						
7589921	20/01/2023	25/03/2023	64	13.43 (KW)	kWh	47529.53	56562.97	1	9033.44	9033.44	OK	OK	A
7589921	20/01/2023	25/03/2023	64	0.00 (I)	kVAh	47829.19	56907.43	1	9078.24	9078.24	OK	OK	A

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details	
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category	LTS-NDS
SOP Charges	0.00	0.00	0.00	9033.44	7.380	66666.79	Flats in BS (DS)	NA
F.S.A.	0.00	0.00	0.00	Total		66666.79	Supply Voltage(kV)	0.40 kV
Surcharge	0.00	0.00	0.00	Applicable Tariff on Read Date:			Sanctioned Load (Kw/CD)	19.90/
E. Duty	0.00	0.00	0.00				MMC(₹)	7893.34
M. Tax	0.00	0.24	0.24				Security Deposit	63691.99
Fixed Charges	0.00	0.00	0.00				DOC/DOE	01/11/1966/
Excess Credit	0.00	0.00	0.00				Meter Ownership/MDI Meter	Nigam Meter/
Total Arrear	0.00	0.24	0.24				Meter Make/Meter Type	HSPL /3-PH-MTR

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details	
Description	Amount (₹)	Description	Amount (₹)	Amount(₹)	78841.00
Fixed Charges	0.00	Current Cycle Charges	78368.80	Receipt No	101207122362
Energy Charges	66666.79	Arrears/Outstanding Dues	0.24	Receipt Date	25/01/2023
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.00/0.00	Mode of Payment	DD
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Previous Consumption Pattern	
Fuel Surcharge Adjustment	0.00	LPS Adjustment	0.00		
TDS/TCS	0.00/0.00	Adv. Security Deposit Amt*/Non Energy chrg	9465.33	Bill month	Units (KWH)
Excess Load Surcharge	0.00	Net Payable Amount On Or Before Due Date(₹)	78369.00	Nov-2021	6936.39
Capacitor Surcharge	0.00	Surcharge(₹)	2284.00	Mar-2022	5946.1
MSC/Green Energy Premium	0.00/0.00	Gross Amount Payable After Due Date(₹)	80653.00	May-2022	34720.8
Line Service Charges	0.00	Brief details of Sundry charges /allowances		Oct-2022	32704.1
Capacitor Service Charges	0.00			Nov-2022	8726.14
Solar Rebate /Prepaid Rebate/Gaushala Rebate	0.00/0.00/0.00			Jan-2023	9095.39
Govt. Subsidy/Battery Rbt	0.00/0.00				
Electricity Duty	903.34			PAN / TAN : /	
Municipal Tax / P Tax	1333.34				
Total Current Cycle Charges (₹)	78368.80			Date from which bill other than "OK" is being issued:	Reason:

DD to be drawn in favour of	SDO R34-Meham, UHBVN, MEHAM
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Important Information for consumers:	
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Address and Telephone Number(s) of the authorities relating to consumers grievances		
Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the	For all type of complaints call at:
SDO "OP" S/Divn UHBVN - R34-Meham	Consumer Grievance Redressal Forum	1912 or 1800-180-1550 (Toll Free)
	Sector-8, VIDYUT SADAN, 1st Floor, Near GYM KHANA CLUB, Kurukshetra-136118	1800 180 2124 (Vigilance Toll Free)
	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID : 1912@uhbvn.org.in Contact No. - +91(172)2572299 WhatsApp No:- 9815961912	



UTTAR HARYANA BILI VITRAN NIGAM LIMITED
(A Government of Haryana Undertaking)
Website: www.uhbvn.org.in
Electricity Bill



Duplicate Bill



1 0 1 2 0 7 1 0 0 0 8 6 6 7 7 0 2 0 6 2 0 2 3 8 9 2 0 3

Account No: 1012071000

Name: P G COLLEGE		Account No: 1012071000	Net Payable Amount on or before Due Date (₹): 86677.00
Address: Meham, MEHAM, Meham, HR, IND		Old Acct No: 2242203UMAD0251X	Due Date: 02/06/2023
		K No: R34MMAD0251X	Surcharge(₹): 2526.00
Circle : Rohtak	Cycle/Group: GDZH/03U	Issue Date: 23/05/2023	Gross Amount Payable After Due Date(₹): 89203.00
Division: Sub-Urban No.1 Rohtak	Bill Month: MAY/2023	Bill No: 101208279736	
Sub Division: R34-Meham		Net Payable Amount in words: Eighty Six Thousand Six Hundred Seventy Seven Rupees Only	

User Id:- reportus Generated On:- 11-10-2023 11:53:37

Meter and Read Details (" Latest MCO is shown in case of multiple MCO in one billing cycle)

Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mtr Sts
	Old	New				Old	New						
7589921	25/03/2023	23/05/2023	59	32.97 (KW)	kWh	56562.97	66255.94	1	9692.97	9692.97	OK	OK	A
7589921	25/03/2023	23/05/2023	59	0.00 ()	kVAh	56907.43	66660.84	1	9753.41	9753.41	OK	OK	A

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details		
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category	LTS-NDS	
SOP Charges	0.00	0.00	0.00	9692.97	7.380	71534.12	Flats in BS (DS)	NA	
F.S.A.	0.00	0.00	0.00	Total		71534.12	Supply Voltage(kV)	0.40 kV	
Surcharge	0.00	0.00	0.00	Applicable Tariff on Read Date:				Sanctioned Load (Kw/CD)	
E. Duty	0.00	0.00	0.00					MMC(₹)	7276.66
M. Tax	0.00	0.04	0.04					Security Deposit	63691.99
Fixed Charges	0.00	0.00	0.00					DOC/DOE	01/11/1966/
Excess Credit	0.00	0.00	0.00					Meter Ownership/MDI Meter	Nigam Meter/
Total Arrear	0.00	0.04	0.04					Meter Make/Meter Type	HSPL /3-PH-MTR

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details				
Description	Amount (₹)	Description	Amount (₹)	Amount(₹)		78369.00		
Fixed Charges	0.00	Current Cycle Charges	87573.68	Receipt No		101207101541		
Energy Charges	71534.12	Arrears/Outstanding Dues	0.04	Receipt Date		03/04/2023		
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.00/-897.22	Mode of Payment		DD		
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Previous Consumption Pattern				
Fuel Surcharge Adjustment	4092.40	LPS Adjustment	0.00					
TDS/TCS	0.00/0.00	Adv. Security Deposit	9465.33	Bill month	Units (KWH)	Units (KVAH)	MDI	Status
Excess Load Surcharge	0.00	Amt*/Non Energy chrg		Mar-2022	5946.1	0	0	AV
Capacitor Surcharge	0.00	Net Payable Amount	86677.00	May-2022	34720.8	35013.81	47.41	OK
MSC/Green Energy Premium	0.00/0.00	On Or Before Due Date(₹)		Oct-2022	32704.1	32926.19	41.7	OK
Line Service Charges	0.00	Surcharge(₹)	2526.00	Nov-2022	8726.14	8784.24	12.55	OK
Capacitor Service Charges	0.00	Gross Amount Payable After Due Date(₹)	89203.00	Jan-2023	9095.39	9133.95	21.35	OK
Solar Rebate /Prepaid Rebate/Gaushala Rebate	0.00/0.00/0.00	Brief details of Sundry charges /allowances		Mar-2023	9033.44	9078.24	13.43	OK
Govt. Subsidy/Battery Rbt	0.00/0.00			PAN / TAN : /				
Electricity Duty	969.30							
Municipal Tax / P Tax	1512.53			Date from which bill other than "OK" is being issued:				
Total Current Cycle Charges (₹)	87573.68							
		Security Deposit interest (Interest on ACD Security for FY: 2022-23)		Reason:				

DD to be drawn in favour of SDO R34-Meham , UHBVN , MEHAM

Important Information for consumers:

Payment of this bill can be made online by logging on the Website: www.uhbvn.org.in at any time and at office counter on all working days during working hours i.e. 09:00AM to 03:00PM.	This Bill be considered as a notice under section 56 of The Electricity Act 2003. Kindly pay the bill by due date. In case of default the connection is liable to be disconnected after 15 days of due date. This is an interest security amount and interest on this security @6.75 % shall be paid for FY 2023-24. T&C shall apply
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Address and Telephone Number(s) of the authorities relating to consumers grievances

Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the		For all type of complaints call at:
SDO "OP" S/Divn UHBVN - R34-Meham	Consumer Grievance Redressal Forum	Ombudsman	1912 or 1800-180-1550 (Toll Free)
	Sector-8, VIDYUT SADAN, 1st Floor, Near GYMKHANA CLUB, Kurukshetra-136118	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID : 1912@uhbvn.org.in Contact No. : +91(172)2572299 WhatsApp No:- 9815961912	1800 180 2124 (Vigilance Toll Free)



UTTAR HARYANA BIJLI VITRAN NIGAM LIMITED
(A Government of Haryana Undertaking)
Website: www.uhbvn.org.in
Electricity Bill



Duplicate Bill



1 0 1 2 0 7 1 0 0 0 7 5 7 7 9 0 1 0 8 2 0 2 3 7 7 9 8 0

Account No: 1012071000

Name: P G COLLEGE		Account No: 1012071000	Net Payable Amount on or before Due Date (₹): 75779.00
Address: Meham, MEHAM, Meham, HR, IND.		Old Acct No: 2242203UMAD0251X	Due Date: 01/08/2023
Circle: Rohlak		K No: R34MMAD0251X	Surcharge(₹): 2201.00
Division: Sub-Urban No.I	Cycle/Group: GDZH03U	Issue Date: 19/07/2023	Gross Amount Payable After Due Date(₹): 77980.00
Rohlak	Bill Month: JUL/2023	Bill No: 101209736548	
Sub Division: R34-Meham		Net Payable Amount in words: Seventy Five Thousand Seven Hundred Seventy Nine Rupees Only	

User Id:- reportus Generated On:- 11-10-2023 11:52:55

Meter and Read Details (* Latest MCO is shown in case of multiple MCO in one billing cycle)

Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mtr Sts
	Old	New				Old	New						
7589921	23/05/2023	19/07/2023	57	28.24 (KW)	kWh	66255.94	75603.22	1	9347.28	9347.28	OK	OK	A
7589921	23/05/2023	19/07/2023	57	0.00 ()	kVAh	66660.84	76045.66	1	9384.82	9384.82	OK	OK	A

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details	
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category	LTS-NDS
SOP Charges	0.00	0.00	0.00	9347.28	7.380	68982.93	Flats in BS (DS)	NA
F.S.A.	0.00	0.00	0.00	Total		68982.93	Supply Voltage(kV)	0.40 kV
Surcharge	0.00	0.00	0.00	Applicable Tariff on Read Date:			Sanctioned Load (Kw/CD)	19.90/
E. Duty	0.00	0.00	0.00				MMC(₹)	7030.00
M. Tax	0.00	0.50	0.50				Security Deposit	63691.99
Fixed Charges	0.00	0.00	0.00				DOC/DOE	01/11/1966/
Excess Credit	0.00	0.00	0.00				Meter Ownership/MDI Meter	Nigam Meter/
Total Arrear	0.00	0.50	0.50				Meter Make/Meter Type	HSPL /3-PH-MTR

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details				
Description	Amount (₹)	Description	Amount (₹)	Amount(₹)		86676.00		
Fixed Charges	0.00	Current Cycle Charges	75778.40	Receipt No		101207151834		
Energy Charges	68982.93	Arrears/Outstanding Dues	0.50	Receipt Date		25/05/2023		
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.00/0.00	Mode of Payment		DD		
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Previous Consumption Pattern				
Fuel Surcharge Adjustment	4393.22	LPS Adjustment	0.00					
TDS/TCS	0.00/0.00	Adv. Security Deposit	0.00	Bill month	Units (KWH)	Units (KVAH)	MDI	Status
Excess Load Surcharge	0.00	Amt'/Non Energy chrg	0.00	May-2022	34720.8	35013.81	47.41	OK
Capacitor Surcharge	0.00	Net Payable Amount	75779.00	Oct-2022	32704.1	32928.19	41.7	OK
MSC/Green Energy Premium	0.00/0.00	On Or Before Due Date(₹)		Nov-2022	8728.14	8784.24	12.55	OK
Line Service Charges	0.00	Surcharge(₹)	2201.00	Jan-2023	9095.39	9133.95	21.35	OK
Capacitor Service Charges	0.00	Gross Amount Payable After Due Date(₹)	77980.00	Mar-2023	9033.44	9078.24	13.43	OK
Solar Rebate /Prepaid Rebate/Gaushala Rebate	0.00/0.00/0.00	Brief details of Sundry charges /allowances		May-2023	9692.97	9753.41	32.97	OK
Govt. Subsidy/Battery Rbt	0.00/0.00			PAN / TAN : /				
Electricity Duty	934.73			Date from which bill other than "OK" is being issued:				Reason:
Municipal Tax / P Tax	1467.52							
Total Current Cycle Charges (₹)	75778.40							

DD to be drawn in favour of	SDO R34-Meham , UHBVN , MEHAM
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Address and Telephone Number(s) of the authorities relating to consumers grievances		
Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the	
SDO 'OP' S/Divn UHBVN - R34-Meham	Consumer Grievance Redressal Forum	Ombudsman
	Sector-8, VIDYUT SADAN, 1st Floor, Near GYMKHANA CLUB, Kurukshetra-136118	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID : 1912@uhbvn.org.in Contact No. - +91(172)2572299 WhatsApp No:- 9815961912
		For all type of complaints call at: 1912 or 1800-180-1550 (Toll Free) 1800 180 2124 (Vigilance Toll Free)



UTTAR HARYANA BULI VITRAN NIGAM LIMITED
(A Government of Haryana Undertaking)
Website: www.uhbvn.org.in



Electricity Bill

Duplicate Bill



1 0 1 2 0 7 1 0 0 0 1 3 8 5 6 3 0 3 1 0 2 0 2 3 1 4 2 5 8 8

Account No: 1012071000

Name: P G COLLEGE		Account No: 1012071000	Net Payable Amount on or before Due Date (₹): 138563.00
Address: Meham, MEHAM, Meham, HR, IND		Old Acct No: 2242203UMAD0251X	Due Date: 03/10/2023
		K No: R34MMAD0251X	Surcharge(₹): 4025.00
Circle : Rohtak	Cycle/Group: GDZH/03U	Issue Date: 22/09/2023	Gross Amount Payable After Due Date(₹): 142588.00
Division: Sub-Urban No.1 Rohtak	Bill Month: SEP/2023	Bill No: 101203827791	
Sub Division: R34-Meham		Net Payable Amount in words: One Lakh Thirty Eight Thousand Five Hundred Sixty Three Rupees Only	

User Id:- reportus Generated On:- 11-10-2023 11:51:43

Meter and Read Details (* Latest MCO is shown in case of multiple MCO in one billing cycle)													
Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mtr Sts
	Old	New				Old	New						
7589921	19/07/2023	22/09/2023	65	43.43 (KW)	kWh	75603.22	92694.96	1	17091.74	17091.74	OK	OK	A
7589921	19/07/2023	22/09/2023	65	0.00 ()	kVAh	76045.66	93179.98	1	17134.32	17134.32	OK	OK	A

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details	
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category	LTS-NDS
SOP Charges	0.00	0.00	0.00	17091.74	7.380	126137.04	Flats in BS (DS)	NA
F.S.A.	0.00	0.00	0.00	Total		126137.04	Supply Voltage(kV)	0.40 kV
Surcharge	0.00	0.00	0.00	Applicable Tariff on Read Date:			Sanctioned Load (Kw/CD)	19.90/
E. Duty	0.00	0.00	0.00				MMC(₹)	8016.66
M. Tax	0.00	0.00	0.00				Security Deposit	63691.99
Fixed Charges	0.00	0.00	0.00				DOC/DOE	01/11/1966/
Excess Credit	0.00	-0.10	-0.10				Meter Ownership/MDI Meter	Nigam Meter/
Total Arrear	0.00	-0.10	-0.10				Meter Make/Meter Type	HSPL /3-PH-MTR

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details				
Description	Amount (₹)	Description	Amount (₹)	Amount(₹)			75779.00	
Fixed Charges	0.00	Current Cycle Charges	138562.73	Receipt No			101207126182	
Energy Charges	126137.04	Arrears/Outstanding Dues	-0.10	Receipt Date			28/07/2023	
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.10/-0.10	Mode of Payment			DD	
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Previous Consumption Pattern				
Fuel Surcharge Adjustment	8033.12	LPS Adjustment	0.00					
TDS/TCS	0.00/0.00	Adv. Security Deposit Amt*/Non Energy chrg	0.00	Bill month	Units (KWH)	Units (KVAH)	MDI	Status
Excess Load Surcharge	0.00	Net Payable Amount On Or Before Due Date(₹)	138563.00	Oct-2022	32704.1	32926.19	41.7	OK
Capacitor Surcharge	0.00			Nov-2022	8728.14	8784.24	12.55	OK
MSC/Green Energy Premium	0.00/0.00	Surcharge(₹)	4025.00	Jan-2023	9095.39	9133.95	21.35	OK
Line Service Charges	0.00	Gross Amount Payable After	142588.00	Mar-2023	9033.44	9078.24	13.43	OK
Capacitor Service Charges	0.00	Due Date(₹)		May-2023	9692.97	9753.41	32.97	OK
Solar Rebate /Prepaid Rebate/Gaushala Rebate	0.00/0.00/0.00	Brief details of Sundry charges /allowances		Jul-2023	9347.28	9384.82	28.24	OK
Govt. Subsidy/Battery Rbt	0.00/0.00			PAN / TAN : /				
Electricity Duty	1709.17	Transfer Adjustment from Over Payment ()		Date from which bill other than "OK" is being issued:				
Municipal Tax / P Tax	2683.40	Transfer Adjustment from Over Payment ()		Reason:				
Total Current Cycle Charges (₹)	138562.73							

DD to be drawn in favour of SDO R34-Meham , UHBVN , MEHAM

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Address and Telephone Number(s) of the authorities relating to consumers grievances		
Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the	For all type of complaints call at:
SDO 'OP' S/Divn UHBVN - R34-Meham	Consumer Grievance Redressal Forum	1912 or 1800-180-1550 (Toll Free)
	Sector-8, VIDYUT SADAN, 1st Floor, Near GYMKHANA CLUB, Kurukshetra-136118	1800 180 2124 (Vigilance Toll Free)
	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID : 1912@uhbvn.org.in Contact No. - +91(172)2572299 WhatsApp No:- 9815961912	

Details of Electrical Equipments installed in the college.

Number of ACs and Coolers in College

Number of ACs	Number of Coolers
11	15

Office Room

	Fan	Tube light	Computer
Principal Office	07	10	01
Kitchen	01	01	
Washroom	01	01	
Account Office	01	03 (2 Celling light)	01
Store	03	04 (Celling light)	
Assistant Office	02	04 (2+2) CT	01
Clerk Office	06	08 (Celling light)	03
Metting Hall	09	09	
Staff Room	04	04	
Washroom	01 (Exhaust Fan)		
Gallery (Principal	06	05	
Auditorium	14 (Wall fan) 101 (Celling fan) 02 (Exhaust fan)	59 (Celling light) 239 (Tube light)	
NCC Office (Boys)	01	01	
NCC Office (Girls)	01	01	

Commerce Block

Room No.	Fan	Tube light
301	05	4
302	05	4
303	05	4
304	05	5
Ground Floor Gallery		9
Ground Floor Washroom	01 (Exhaust Fan)	
305	05	03
306	05	04
307	05	04
308	02	02
309	05	04
First Floor Gallery		05
First Floor Washroom		01
310	05	04
311	05	04
312	05	04
313	02	02
314	05	03
Second Floor Gallery		06

Arts Block-II

Room No.	Fan	Tube light	Computer
201	06	06	
202	06	06	
203	06	05	
204	04	03	
205	02	03	
Ground Floor Gallery		02	
Ground Floor Washroom	01 (Exhaust fan)	01	
206	06	06	23
207	06	06	21
208	06	05	25
209	04	03	
210	02	03	
First Floor Gallery		03	
First Floor Washroom	01	01	
212	06	04	
213	06	03	
214	06	05	
Second Floor Gallery		04	

Library

	Fan	Tube light	Computer
Book Section	10	17	
Librarian Room	04	08	02
Information center	01	02	02
First floor Gallery	01	02	04
Washroom		02	
Reading Room	11	19	
Store	03	05	
Ground Floor Gallery	01	05	
Ground Floor Washroom	01(Exhaust fan)	02	
Room No.1	05	03	
2.	03	03	01
3.	05	04	
4.	03	03	
5.	04	04	
6.	03	03	
7.	04	05	
8.	04	03	
9.	01	00	
10.	02	03 (Celling light)	
11.	02	03 (Celling light)	
12.	06	03	
13.	05	02	

14.	05	03	
15.	05	01	
16.	05	03	

Science Block

Room No.	Fan	Tube light	Computer
101	05	02	
102	09 (6 ceiling 3 Exhaust Fan)	06	
103	06 (5 ceiling 1 Exhaust Fan)	02	
105	03	04	
Ground Floor Gallery		02 Tube 2 LED	
Ground Floor Washroom		01	
106			
107	05+1 (Exhaust fan)	04	01
108	6+2 (Exhaust fan)	04	
109	7+2 (Exhaust fan)	06	
110	05	02	
111	04	02	
112	04		
113	01	1+1 LED	
First Floor Gallery		01	
First Floor Washroom			
Chowkidar Room	01 Ceiling fan 01 Exhaust fan	03	
Electricity Room	01	01	

Observation

- Sanctioned Load is 19.90 kW/CD.
- Total 62989 kWh energy consumed in one year.
- Mean MDI is 23.32 kW.
- Power factor is 0.99.
- HVAC systems are energy efficient.
- Building designs are appropriate for sunlight and ventilation which reduces the need of energy for light and cooling.
- LEDs are installed in place of conventional lights. A conventional 100 W bulb produces around 20 W light energy whereas a 20 W LED bulb produces around 17-to-18-watt light energy.

Recommendation

- The sanctioned load is less than demand, needs to be increased to 50 Kw.
- Installation of solar panels is highly recommended.
- Occupancy sensors need to be established so that light and fans of unoccupied or vacant rooms get automatically switched off.

1.2 Transportation

Sustainable transportation on college campuses is vital for reducing environmental impact and promoting a healthier community. This approach includes walking, cycling, electric shuttles, and carpooling to minimize emissions and congestion. Installing bike racks, pedestrian pathways, and electric vehicle charging stations encourages eco-friendly commuting. Moreover, adopting campus-wide ride-sharing programs and incentivizing public transport use can further reduce the carbon footprint. Sustainable transportation not only fosters environmental responsibility but also enhances campus accessibility, promoting a greener and more efficient college environment.

Observation

- Only e-vehicles are allowed inside campus.
- Free bus passes for girls to promote public transport.
- Separate pedestrian path to promote walking.

Recommendation

- Car (e-cars) pooling should be incentivized for Staff members.

Chapter – II : Water Usage and Management

Regular water quality analysis is conducted diligently to ensure a safe and clean water supply for students. This comprehensive analysis encompasses critical parameters such as pH levels, alkalinity, hardness, and total dissolved solids (TDS). By consistently monitoring and maintaining water quality, the college prioritizes the health and well-being of student community, fostering a conducive and secure environment for learning and living.

Within the college campus, college takes great pride in commitment to sustainable practices, and rainwater harvesting pits exemplify this dedication. These pits serve as essential components of our water management strategy, aimed at conserving this precious resource. Through the meticulous collection of rainwater, college not only reduces reliance on external water sources but also actively contributes to the restoration of groundwater levels.

The collected rainwater undergoes a systematic process, ultimately finding its way back into the ground, thereby replenishing our groundwater reserves. This practice not only safeguards our environment but also bolsters resilience in the face of water scarcity challenges.

Rainwater harvesting initiative is not merely a symbolic gesture; it is a tangible manifestation of college's commitment to responsible and sustainable resource management. By saving a substantial amount of water through this method, college not only benefits immediate campus community but also sets an example for responsible water use and conservation in the larger community. It is through such endeavors that college hopes to inspire a culture of environmental responsibility and sustainability among students and beyond.



 GPS Map Camera



Google

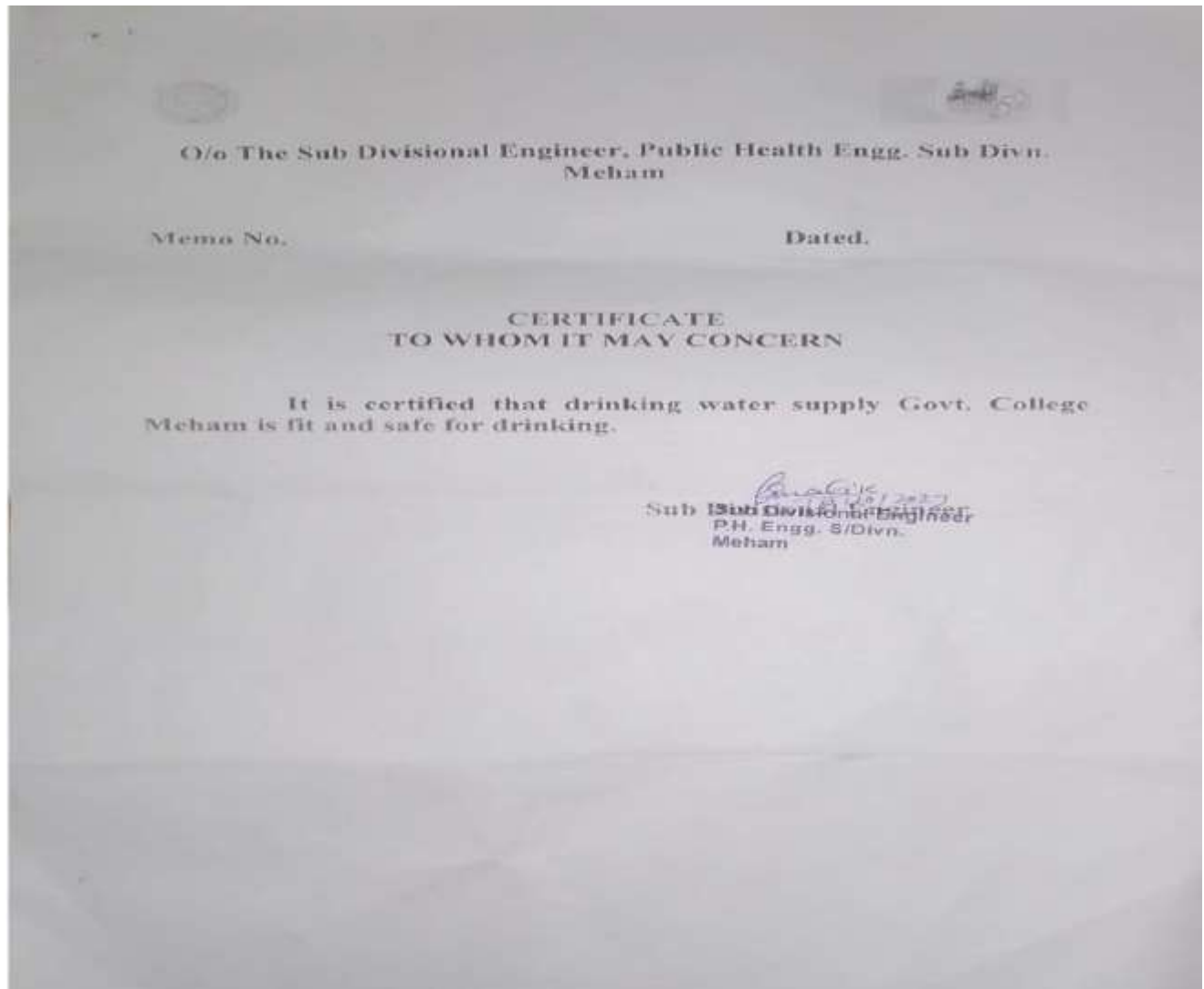
Maham, Haryana, India

X863+R9F, NH-10, Maham, Haryana 124112, India

Lat 28.962157°

Long 76.303562°

26/09/23 12:58 PM GMT +05:30



Observations

- Drinking water supply is fit and safe for drinking.
- Water Harvesting Systems are in place for water conservation.
- Some areas are specifically dedicated for trees, which helps water table recharging.

Recommendations

- Special infrastructure should be developed for re-using water. For instance, special pipelines could be installed to use wash basins and kitchen water in gardens.
- Small scale and primitive water recycling units can be established.
- Buildings should incorporate water-saving fixtures and technologies like low-flow toilets.

Chapter – III: Waste Management and Recycling

Waste management and recycling initiatives in colleges are crucial for promoting sustainability and reducing the environmental impact of educational institutions. Efficient waste disposal systems, including recycling bins and composting facilities, encourage responsible waste sorting among students and staff. Such programs not only divert recyclables and organic waste from landfills but also instill eco-conscious habits. Partnering with local recycling centers and organizing awareness campaigns can bolster these efforts. Overall, waste management and recycling in colleges contribute to a cleaner, more eco-friendly campus, teaching valuable lessons in environmental stewardship and setting a positive example for the community.

3.1 Solid Waste Management

S. No.	Description	Details
1	Waste disposal method adopted and followed in the campus	College maintains a dedicated workforce for waste management, operating under Haryana Government outsourcing policy. They collect waste for disposal at designated sites. Sustainability is promoted by composting vegetable and fruit peels, along with horticultural waste on-site. Stringent measures prohibit the burning of combustible waste and dried leaves, ensuring eco-friendly practices.
2	Way of disposing normal dry waste in the campus	Normal dry waste within the campus is responsibly collected and managed. This dedicated workforce ensures the proper disposal of dry waste, contributing to a clean and environmentally conscious campus environment.
3	Steps taken by college for segregation of waste	The college has implemented a waste segregation initiative. Waste is collected and then segregated at the designated dump site by these diligent workers. This process ensures the efficient segregation of waste materials, promoting responsible waste management practices within the campus.
4	No. of dustbins available in the Campus	15



3.2 Liquid Waste Management:

Government College Mehram has implemented an advanced liquid waste management system, ensuring efficient utilization of waste liquids. Some waste liquids are repurposed for watering plants, promoting sustainability. Additionally, the college utilizes an underground water restoration system, channeling certain waste liquids into an open well for responsible disposal. This comprehensive approach ensures the proper management of all liquid waste. Moreover, the college has installed rainwater harvesting systems at strategic locations, including the girls' middle park and the end of the playground, further emphasizing its commitment to eco-friendly practices and water conservation.



3.3 E-Waste Management

The management of e-waste on our college campus is a top priority, reflecting our commitment to responsible electronic equipment usage. Various types of electronic equipment and items are utilized to their fullest potential. Our laboratory staff is proficient in performing minor repairs, and for major repairs, we enlist specialized techniques. Lab instructors are encouraged to repurpose outdated computer systems for practical demonstrations, reducing e-waste.

We strictly adhere to the directives of the Haryana government, as per letter no. 18/08/-2010 C-III (3) dated 26/03/2019 (copy attached), which guides the procurement, replacement, and disposal of old and obsolete telecommunications, computing/IT products, electronics items, and more.

Additionally, we conduct 'Best Out of Waste' events with the assistance of NSS volunteers to inspire students to creatively reuse discarded CDs/DVDs and other e-waste, promoting sustainability and responsible e-waste management.

3.4 Hazardous Waste Management

In our laboratory, hazardous chemicals are meticulously stored away from students' access, ensuring safety. The lab in-charge and lab technicians handle these chemicals

while strictly adhering to safety protocols. Students receive thorough instructions and guidance before they can use any hazardous chemicals, emphasizing the importance of safe practices within the laboratory environment. This proactive approach ensures a secure and conducive learning environment for all.

3.5 Biomedical waste Management

In our commitment to maintaining a healthy and hygienic college campus, we have implemented the use of Sanitary Napkin Burning Machines. These innovative devices offer a scientific and hygienic method for the instant disposal of sanitary napkins. By installing these machines throughout the college premises, we prioritize the well-being and comfort of our students and staff. This proactive approach not only ensures a clean and sanitary environment but also promotes responsible waste management practices. Our aim is to create a safe, comfortable, and environmentally conscious atmosphere within our college, where the health and hygiene of the members of our community are paramount.



3.6 Waste Recycling

Government College Meham is committed to waste recycling. We encourage staff to repair electronic equipment, reuse outdated computer systems, and follow Haryana government guidelines for responsible disposal. NSS volunteers organize 'Best Out of Waste' events, fostering a culture of recycling and environmental consciousness among students.

Observation

- Segregation at source is done through different colored dustbin which helps in disposal and recycling.
- Pits are appropriately placed for biodegradable waste.
- College is plastic free campus.
- Liquid waste is managed through sewerage lines of municipality.
- Reuse is promoted wherever possible.

Recommendation

- In educational institutions large proportion of waste consist of papers, therefore a small paper recycling unit can be established.
- E content should be promoted.
- It is recommended to sign MOUs with recycling units of e-waste.

CHAPTER-IV: BIODIVERSITY AND ECOSYSTEM

Colleges play a significant role in biodiversity and ecosystem conservation. These institutions can maintain green spaces, create wildlife habitats, and plant native species to support local biodiversity. Educational programs and research can further environmental awareness and preservation. Collaborations with conservation organizations can facilitate on-campus initiatives, such as wetland restoration or tree planting. Additionally, reducing campus resource consumption through sustainable practices and minimizing pollution helps protect ecosystems. By embracing these measures, colleges serve as models of environmental responsibility, fostering a culture of conservation and providing students with the knowledge and inspiration to become stewards of our planet's precious biodiversity and ecosystems.

4.1 Faunal Diversity at Government College Meham



S No	Common Name	Scientific Name
1	Asian Koel	<i>Eudynamys scolopaceus</i>
2	Common Myna	<i>Acridotheres tristis</i>
3	Black Drongo	<i>Dicrurus macrocercus</i>
4	House Crow	<i>Corvus splendens</i>
5	House Sparrow	<i>Passer domesticus</i>
6	Indian Grey Hornbill	<i>Ocyeros birostris</i>
7	Common ChiffChaff	<i>Phylloscopus collybita</i>
8	Common Woodshrike	<i>Tephrodornis pondicerianus</i>
9	Eurasian collared dove	<i>Streptopelia decaocto</i>
10	Crow pheasant	<i>Centropus sinensis</i>
11	Green bee-eater	<i>Merops orientalis</i>
12	Indian peafowl	<i>Pavo cristatus</i>
13	Jungle Babbler	<i>Argya striata</i>
14	Jungle Crow	<i>Corvus culminatus</i>
15	laughing dove	<i>Spilopelia senegalensis</i>
16	Rock Pigeon	<i>Columba livia domestica</i>
17	Red-vented bulbul	<i>Pycnonotus cafer</i>
18	Red-whiskered bulbul	<i>Pycnonotus jocosus</i>
19	Bengal eagle-owl	<i>Bubo bengalensis</i>
20	Black-rumped flameback	<i>Dinopium benghalense</i>
21	Streak throated Woodpecker	<i>Picus xanthopygaeus</i>
22	Indian fruit bat	<i>Pteropus giganteus)</i>

4.2 Floral diversity in Government College Meham



S No	Common Name	Scientific Name
1	Alstonia	<i>Alstonia scholaris</i>
2	Amaltas	<i>Cassia fistula</i>
3	Amelia	<i>Leucantheum superbum</i>
4	Amla	<i>Phyllanthus emblica</i>
5	Anaar	<i>Punica granatum</i>
6	Arjun	<i>Terminalia arjuna</i>
7	Ashok	<i>Polyalthia longifolia</i>
8	Baheda	<i>Terminalia bellerica Roxb.</i>
9	Babul	<i>Acacia nilotica</i>
10	Bakain	<i>Melia azedarach</i>
11	Banyan	<i>Ficus benghalensis</i>
12	Belpatra	<i>Aegle marmelos</i>
13	Bougainvillea	<i>Bougainvillea sp.</i>
14	Cactus	<i>Cactus sp.</i>
15	Chameli	<i>Jasminum officinale</i>
16	Champa	<i>Plumeria rubra</i>
17	Chandani	<i>Tabernaemontana divaricata</i>
18	Cycas	<i>Cycas sp.</i>
19	Ficus	<i>Ficus benjamina</i>
20	Guava	<i>Psidium guajava</i>
21	Gudhal (Hibiscus)	<i>Hibiscus sp.</i>
22	Gulmohar	<i>Delonix regia</i>
23	Gazania	<i>Gazania rigens</i>
24	Harshingar	<i>Nyctanthes arbor-tristis</i>
25	Imli	<i>Tamarindus indica</i>
26	Jal	<i>Ficus benjamina</i>
27	Jamun	<i>Syzigium cumini</i>
28	Jatropha	<i>Jatropha cuneata</i>
29	Kachnar	<i>Bauhinia variegata</i>
30	Kadamb	<i>Mitrogyna parviflora</i>
31	Kadi Patta	<i>Murraya koenigii</i>
32	Kaner	<i>Cascabela thevetia</i>
33	Kaldara	<i>Amaranthus viridis</i>
34	Lasora	<i>Cordia dichotoma</i>
35	Lemon	<i>Citrus x Limon</i>
36	Mahendi	<i>Lowsonia inermis</i>
37	Mahua	<i>Madhuca longifolia</i>
38	Mango	<i>Mangifera Indica</i>

39	Maulsari	<i>Mimusops elengi</i>
40	Mausami	<i>Citrus limetta</i>
41	Morpankhi	<i>Thuja orientalis</i>
42	Neem	<i>Azadirachta indica</i>
43	Orange	<i>Citrus x sinensis</i>
44	Papdi	<i>Holoptelea integrifolia</i>
45	Papular	<i>Abelmoschus moschatus</i>
46	Peepal	<i>Ficus religiosa</i>
47	Pilkhan	<i>Ficus virens</i>
48	Rubber Plant	<i>Ficus elastica</i>
49	Sahjan	<i>Moringa oleifera</i>
50	Sangwan (Teak)	<i>Tectona grandis</i>
51	Shatavari	<i>Asparagus racemosus</i>
52	Shahtoot	<i>Morus alba</i>
53	Sheesham	<i>Dolbergia sissoo</i>
54	Siris	<i>Albizia lebbeck</i>
55	Silver	<i>Leucodendron argenteum</i>
56	Tecoma	<i>Tecoma stans</i>
57	Anar (Pomegranate)	<i>Punica granatum</i>
58	Badberi	<i>Ziziphus jujuba</i>
59	Mosambi	<i>Citrus limetta</i>

College campus is adorned with a multitude of trees and an assortment of thriving plant life. It stands as a testament to our dedication to nurturing a sustainable and harmonious environment. Below, we share with you a collection of captivating campus pictures that encapsulate the lush beauty of our surroundings. These images reflect our ongoing commitment to fostering an atmosphere where both learning and nature flourish side by side. Within this green haven, students and faculty alike are inspired not only by academics but also by the tranquil coexistence of education and the natural world.

4.3 Greenery in Govt College Meham

College campus is a verdant oasis, graced by a profusion of trees and a diverse array of flourishing plants. It's a haven of green tranquility, where nature's beauty intertwines with academia's pursuit. Below, we proudly present a glimpse of this botanical splendor through a selection of campus pictures. These images capture the essence of our commitment to sustainable living and environmental harmony, offering both students and faculty a serene backdrop for learning and reflection. Amidst these trees and plants, we cultivate not just knowledge but also a deep appreciation for the delicate balance between education and the natural world that surrounds us.



Observation

- Good diversity of flora and Fauna is observed.
- Beautiful green lush campus.

Recommendation

- More Ornamental plants should be planted.

CHAPTER-V: ENVIRONMENTAL EDUCATION AND COMMUNITY ENGAGEMENT

Environmental education in college combines classroom learning with community engagement to nurture environmentally conscious citizens. College courses teach students about ecological principles, sustainability, and conservation. Simultaneously, colleges encourage students to participate in environmental projects like clean-up drives, tree planting, and advocacy, fostering a sense of responsibility and stewardship. This two-pronged approach equips students with knowledge and practical skills to address environmental challenges. By instilling a commitment to environmental preservation and encouraging active involvement in community initiatives, colleges play a pivotal role in preparing the next generation to tackle urgent environmental issues.



Environmental Education

Observation

- Environmental science is a compulsory subject in all undergraduate courses.
- In Geography there is a paper named climatology in which issues like climate change are discussed in great detail.

Recommendation

- Some chapters related to environment education and awareness should also be included in chemistry and physics curriculum.
- Credit based outreach programs should be started for students to make people aware about environment protection.

Community Engagement

Observation

- Many societies and cells of college like NSS, NCC, YRC organize plantation drives frequently.
- College also organizes awareness rallies regarding Environment protection.
- Soil testing of agricultural land in surrounding areas of the college is done in the Chemistry Lab.

Recommendation

- Workshops for farmers should be organized to suggest alternatives of stubble burning.
- Training camps can also be organized to train locals for making jute bags, which can be a livelihood source as well as an environment protection strategy.

CONCLUSION

The green audit of Government College, Meham revealed a commitment to sustainable and responsible environmental practices in the college. It is evident that the institution recognizes the importance of reducing its ecological footprints and preserving college campus. Through this audit, the committee identified areas for improvement to implement eco-friendly measures, and highlighted awareness about environmental issues among the campus dwellers. The outcomes of the audit will serve as a stepping stone towards a more sustainable future for the college, reflecting a dedication to environmental stewardship. As the college continues to embrace green initiatives and reduces environmental impact, thereby contributes to a healthier and more sustainable campus for the current and future generations.

Names of Committee Members

Signature

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Vinay Malik
18-10-2023

Sh. R.C. Punia

R.C. Punia
12-10-23

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Renu
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Sh. Rohit Kumar

GLIMPSES OF INSPECTION

