<mark>Green And Energy Audit</mark> Report







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



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gcmeham@gmail.com (University)



gcmeham@yahoo.co.in [Higher Education]

Ref No. Strl-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.

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

locu

Date:- 2/08/2023

Principal Govt. College, Meham

Table of Contents

- 1. Introduction
- 2. Executive Summary
- 3. Chapter-1 : Energy Consumption
 - 1.1 Electricity
 - 1.2 Transportation
- 4. Chapter-2 : Water Usage and Management
- 5. Chapter-3 : Waste Management and Recycling
 - 3.1 Solid Waste Management
 - 3.2 Liquid Waste Management
 - 3.3 E-Waste Management
 - 3.4 Hazardous Waste Management
 - 3.5 Biomedical Waste Management
 - 3.6 Waste Recycling
- 6. Chapter-4 : Biodiversity and Ecosystem
 - 4.1 Faunal Diversity at Government College Meham
 - 4.2 Floral Diversity at Government College Meham
 - 4.3 Greenery in Government College Meham
- 7. Chaper-5 : Environmental Education and Community Engagement
- 8. Conclusion

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.

<u>Chapter – I : ENERGY CONSUMPTION</u>

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	Consumpti on (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	17134.3 2	0.99	43.43

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



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



Electricity Bill



Duplicate Bill

Account No: 1012071000

Name: PGC	OLLEGE			Account No: 10120710			1000	Net	Payable Ar	mount on o	r before	Due Date ((): 7604	0.00		
Address: Meha	am, MEHAM, M	ebam, HR, IND			Old Acct No: 2	22422031	JMAD02512	(Due	Date: 01/12	2/2022			19. T			
		*		K No: R34MMAD0251X			x	Surd	rcharge(₹): 2216.00							
Circle : Rohtak	C	Cycle/Grou	p: GDZH/03	U	Issue Date: 21	1/11/2022	2	Gros	s Amount Payable After Due Date(₹): 78256.00							
Division: Sub-L Rohtak	Urban No.1	Bill Month:	NOV/202	V/2022 Bill No: 101203051866												
Sub Division: F	R34-Meham	122		Net Payable Amount in wo			words: Se	rds: Seventy Six Thousand Fourty Rupees Only								
			User Id	r Id:- reportus Generated On:- 11-10-			10-2023 11	:55:33								
	Mater Dec	Miner Data	eter and Re	Read Details (* Latest MCO is show			hown in cas	e of multipl	e MCO in o	ne billing cyc	ie)	Party in the		-	1	
Meter No.	Old	New	Days	MDI	Unit	OI	Id ld	New	M.F.	Units	a	Units	Basis	Rmrk	St	
7589921	29/09/2022	21/11/2022	53	12.55 (KW)	5 kWh	297	'06	38434.14	1	8728.14		8728.14	ок	ОК	A	
7589921	29/09/2022	21/11/2022	53	0.00	kVAh	299	11	38695.24	1	8784.24	-	8784.24	ОК	OK	A	
Arrea	rs Outstanding	for the Financ	ial Year (?)	9 9 G	11	Slat	- Calculatio	0	- 11	8	Co	onnection De	ion Details			
Description	Previous	Current	Tota	(7)	Unit	F	tate	Amount (T O	ariff Calegon			-curis	LTS	S-NDS	
SOP Charges	0.00	0.0	0	0.0	0 8728.14	1 7.	380	64413.67	F	lats in BS (DS	5)			9/-	N	
F.S.A.	0.00	0.0	0	0.0	0	2	Total	64413.67	S	upply Voltage	e(kV)			0	.40 k	
Surcharge	0.00	0.0	0	0.0	0 Applicab	le Tariff d	on Read Da	te:	S	anctioned Lo	ad (Kw/C	CD)			19.90	
E. Duty	0.00	0.0	D	0.0	0	- Approxime Faill of Peak Date.			M	MC(₹)				65	536.6	
M. Tax	0.00	0.0	0	0.0	0				S	ecurity Depos	sit	3		636	691.9	
Fixed Charges	0.00	0.0	D	0.0	0				D	OC/DOE				01/11	1/1966	
Excess Credit	0.00	-0.1	7	-0.17	7				M	eter Owners	hip/MDI N	Meter		Nigam	Meter	
rotal Arrear	0.00	-0.1	/ L	-0.17			10011-1-1		M	eter Make/M	e:	HSPL /3-PH-MT				
Details o	of Charges for	Current Cycle			Details of A	mount P	ayable	4.795		e contra	Last Pa	syment Deta	ils	4000	EAR C	
Descri	iption	Amount (<	0.00 0.000	De	escription		Amoui	1 (()	Amount) 				1001	540.0	
Fixed charges	0.0	6441	3.67 Arres	anii Cyc	tetending Dues	8		-0.17	Receipt	hate				1012071	0/202	
MAC/EC for B	econnection	0441	0.00 Supr	in Cha	mes/Allowanc	60	7	1760.17	Mode of a	Daument		30		12/11	0/202	
Amount to cou	er MMC	2	0.00 Draw	sional	Adjustment/BE	Adi		0.00	Mode of a	Pres	doue Co	neumption	Dattern		0	
Fuel Surcharge	e Adjustment		0.00 LPS	Adjustr	ment	chuj.		0.00	Bill mo	onth U	nits	Units	MDI	Sta	tus	
IDS/TCS		0.00/	0.00 Adv. Amt*	Securi Non E	ty Deposit inergy chrg	ergy chrg		9465.33	Mar-20	(K 121 42	215	(KVAH) 0	0	OK	<	
Excess Load S	Surcharge		0.00 Net	Payab	le Amount	- Î		6040.00	Sep-20	138	51.6	0	0	AV	/	
Apacitor Suro	narge	1	0.00 00 0	or Bet	ount Payable After			COLUMN STATE	Nov-20	693	6.39	0	0	AV		
Premium	iver Gy	0.00/	0.00 Surc	argel				2216.00	Mar-20	22 59	46.1	10 01030	47.41	AV	-	
ine Service C	harges	1	0.00 Gros	s Amou			-	70056.00	Oct-20	ct-2022 32704.1 329			928.19 41.7			
Capacitor Serv	/ice Charges		0.00 Due	Date(₹)			/6236.00	Conto	ITAN 1			10.19 41.7 UK			
Solar Rebate /	Prepaid	0.00/0.00/	0.00 Brief	detail	is of Sundry c	harges /	allowances		PAN / T	AN: /						
Rebate/Gaush	ala Rebate	0.001	Tran	ster Ad	liustment from	Over Pa	ment ()		Date from	n which bill o	ther than	n "OK"	Reason:			
Electricity Duty	allory Rot	97	2.81 Tran	sler Ad	justment from	Over Pay	() ment		is being	issued:	1962-1972-19	(1-804-5 []	No. Contraction	e		
Municipal Tax	/P Tax	128	8.27		5		8 252									
Total Current	Cycle	120														
Charges (₹)	240.02	7604	0.08						35							
DD to be draw	wn in favour of		SDO R3	4-Mehz	am , UHBVN ,	MEHAM	ų —									
					Importar	t Inform	ation for c	onsumers								
Payment of th Website:www on all working 03:00PM.	his bill can be n <u>.uhbvn.org.in</u> a g days during v	nade online by at any time and vorking hours i	logging on at office co .e. 09:00AM	the unter to	This Bill I due date. This is an T&C shall	In case interest apply	dered as a of default t t security a	notice und he connec mount and	ler section tion is liab f interest o	56 of The E le to be disc n this secur	ectricity onnecte ity @6.7	/ Act 2003. K ad after 15 d 5 % shall be	indly pay ays of du paid for	the bill t date. FY 2023-2	by 24.	
		2	ddanes av d	Talas	hans March		author off	an Inflact		and and a set of						
Grievance pert	taining to this bil	Can be	ddress and	relept	none Number	s) of the	authoritie	s relating t	o consume	ars grievanc	es	Fo	r all type	of compl	aints	
10	odged with	i i i i i i i i i i i i i i i i i i i		Ad			elephone ni	mper(s) of	une .			-	Ca	Il at:	550	
650 IO			Consumer	umer Grievance Redressal Fo			1.000	0.0	Ombu	dsman	ula Us-	1	(Tol	Free)	990	
- SDO 'O - F	P SJUIVN UHBV R34-Meham	5	Sector-8, VIE GYMKHAN	, VIDYUT SADAN, 1st Floor, Near IANA CLUB, Kurukshetra-136118			HE	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryani Email ID : 1912@uhbvn.org.in Contact No +91(172)2572299 Whate Amon No. 9835651913				yana	1800 180 2124 (Vigilance Toll Free)			



Electricity Bill



Duplicate Bill

Account No: 1012071000

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

Name: P G COLLEGE		Account No: 1012071000	Net Payable Amount on or before Due Date (₹): 78841.00			
Address: Meham, MEHAM, M	leham, HR, IND	Old Acct No: 2242203UMAD0251X	Due Date: 30/01/2023			
		K No: R34MMAD0251X	Surcharge(₹): 2298.00			
Circle : Rohtak	Cycle/Group: GDZH/03U	Issue Date: 20/01/2023	Gross Amount Payable After Due Date(*): 81139.00			
Division: Sub-Urban No.I Rohtak	Division: Sub-Urban No.1 Rohtak Bill Month: JAN/2023					
Sub Division: R34-Meham		Net Payable Amount in words: Seventy Eight Thousand Eight Hundred Fourty One Rupees Only				
<u>R</u>	User Id:- rep	ortus Generated On:- 11-10-2023 11:55	02			
	Meter and Read D	Details (* Latest MCO is shown in case of	f multiple MCO in one billing cycle)			

Manage Man	Meter Rea	ading Date	Period	AUTO	it.l	Meter i	Reading	ME	Consumed	Billed	Bill	Read	Mtr
Meter No.	Old	New	Days	MDI Unit	Old	New	M.P.	Units	Units	Basis	Rmrk	Sts	
7589921	21/11/2022	20/01/2023	60	21.35 (KW)	kWh	38434.14	47529.53	1	9095.39	9095.39	ок	ОК	A
7589921	21/11/2022	20/01/2023	60	0.00	kVAh	38695.24	47829.19	- 1	9133.95	9133.95	ок	ОК	A

Arrears	Outstanding I	for the Financial Y	fear (₹)	and the second s	Slab Calcul	ation	Connection De	etails
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	10	Total	67123.98	Supply Voltage(kV)	0.40 KV
Surcharge	0.00	0.00	0.00	Applicable	fariff on Read	Date:	Sanctioned Load (Kw/CD)	19.90/
E. Duty	0.00	0.00	0.00				MMC(₹)	7400.00
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	-0.09	-0.09				Meter Ownership/MDI Meter	Nigam Meter/
Total Arrear	0.00	-0.09	-0.09				Meter Make/Meter Type	HSPL /3-PH-MTR

Details of Charges for C	urrent Cycle	Details of Amount P	ayable	Last Payment Details						
Description	Amount (?)	Description	Amount (?)	Amount(₹)		- 10 E		76039.91		
Fixed Charges	0.00	Current Cycle Charges	78841.33	Receipt No			1	01207105632		
Energy Charges	67123.98	Arrears/Outstanding Dues	-0.09	Receipt Date			29/11/202			
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.09/-0.09	Mode of Payme	nt			DD		
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00		Previous C	onsumption I	Pattern	3 3		
Fuel Surcharge Adjustment	0.00	LPS Adjustment	0.00	Bill month	Units	Units	MDI	Ctatus		
TRETCE	0.0000.00	Adv. Security Deposit	0465.33	Bai month	(KWH)	(KVAH)	MUI	Status		
TDS/TCS	0.00/0.00	Amt*/Non Energy chrg	9400.33	Sep-2021	13851.6	0	0	AV		
Excess Load Surcharge	0.00	Net Payable Amount	70044 00	Nov-2021	6936.39	0	0	AV		
Capacitor Surcharge	0.00	On Or Before Due Date(?)	70041.00	Mar-2022	5946.1	0	0	AV		
MSC/Green Energy	0.00/0.00	Surcharge(₹)	2298.00	May-2022	34720.8	35013.81	47.41	OK		
Premium	0.02	Cross Amount Daushis After	Sicesser,	Oct-2022	32704.1	32928.19	41.7	OK		
Line Service Charges	0.00	Due Date(#)	81139.00	Nov-2022	8728.14	8784.24	12.55	OK		
Capacitor Service Charges	0.00	Due Date(c)		DAN (TAN)						
Solar Rebate /Prepaid Rebate/Gaushala Rebate	0.00/0.00/0.00	Brief details of Sundry charges /	allowances	PAN/IAN1			-			
Govt. Subsidy/Battery Rbt	0.00/0.00	Transfer Adjustment from Over Pay	yment ()	Date from which	h bil other tha	in "OK"	Reason:			
Electricity Duty	909.54	Transfer Adjustment from Over Pay	yment ()	is being issued	2. • .					
Municipal Tax / P Tax	1342.48									
Total Current Cycle Charges (₹)	78841.33									

DD to be drawn in favour of

SDO R34-Meham , UHBVN , MEHAM

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.

Important Information for consumers: 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 au	thorities relating to consumers grievances					
Grievance pertaining to this bill can be lodged with	aining to this bill can be odged with Address & Telephone number(s) of the						
	Consumer Grievance Redressal Forum	Ombudsman	1912 or 1800-180-1550 (Toll Free)				
SDO 'OP' S/Divn UHBVN - R34-Meham	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)				



Electricity Bill



Duplicate Bill

Account No: 1012071000

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

Name: PGC	OLLEGE				Account No	: 1012071000		Net Pa	ayable A	mount on or be	fore Due Date	e (*): 7836	9.00			
Address: Meha	am, MEHAM, M	eham, HR, IND			Old Acct No:	2242203UMAD	3251X	Due Da	ate: 05/0	4/2023				-		
	8 - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 1			8	K No: R34MM	AD0251X		Surcha	srge(₹): 2	a(₹): 2284.00						
Circle : Rohtak		Cycle/Group	C GDZH/0	I3U	Issue Date: 2	sue Date: 25/03/2023 Gross /				ayable After Due	Date(₹): 80653	3.00				
Division: Sub-L Rohtak	Jrban No.I	Bill Month:	MAR/20	23	Bill No: 1012	Il No: 101206708840										
Sub Division: F	R34-Meham	- 22	toot a		Net Payable Amount in words: Seventy Eight Thousand Three Hundred Sixty Nine Rupees Only											
dening records and the			User k	d> report	portus Generated On:- 11-10-2023 11:54:23											
5		M	eter and R	lead Det	ails (* Latest	MCO is shown in	h case of r	multiple I	MCO in o	ne billing cycle)				10		
	Meter Rea	ding Date	Period		11-11	Meter	Reading	Contraction of the second		Consumed	Billed	Bill	Read	Mtr		
Meter No.	Old	New	Days	MDI	Unit	Old	N	ew	M.F.	Units	Units	Basis	Rmrk	Sts		
7589921	20/01/2023	25/03/2023	64	13.43 (KW)	kWh	47529.53	565	62.97	1	9033.44	9033.44	ок	OK	A		
7589921	20/01/2023	25/03/2023	64	0.00	kVAh	47829.19	569	07.43	<u>a</u> t	9078.24	9078.24	ок	ОК	А		
Arrea	rs Outstanding	for the Financi	al Year (?		Slab Calculation					80 - 20 	Connection	Details	2	10		
Description	Previous	Current	To	tal (?)	Unit	Rate	Rate Amount (?)		T	Tariff Category			LTS	NDS		
SOP Charges	0.00	0.00	0	0.0	9033.4	4 7.380	666	66.79	F	Flats in BS (DS)			NA			
F.S.A.	0.00	0.00	D	0.0	D	Total 660		66.79	Supply Voltage(kV)			0.40 KV				
Surcharge	0.00	0.00	0	0.0	0 Apolical	Annicable Tariff on Read Date			S	Sanctioned Load (Kw/CD)			19.90/			
E. Duty	0.00	0.00	D	0.0	0				N	IMC(R)	energiae in		78	393.34		
M. Tax	0.00	0.24	4	0.2	4				S	ecurity Deposit	8		636	91.99		
Fixed Charges	0.00	0.00	0	0.0	0				0	OC/DOE			01/11	/1966/		
Excess Credit	0.00	0.00	D	0.0	0				N	leter Ownership/M	ADI Meter		Nigam	Meter/		
Total Arrear	0.00	0.24	4	0.2	4				N	leter Make/Meter	Туре	н	SPL /3-PH	I-MTR		
Details o	of Charges for	Current Cycle	12	_	Details of A	mount Pavable				La	st Payment De	tails				
Descri	iption	Amount (?)	1	De	escription	A	mount (?)	6 10	Amount	5		78841.00				
Fixed Charges			0.00 Cur	rent Cvd	le Charoes		7836	8.80	Receipt	No	6		1012071	22362		
Energy Charge	55	66666	6.79 Arre	ears/Out	standing Dues	8		0.24	24 Receipt Date 25/					1/2023		

Energy Charges	66666.79	Arrears/Outstanding Dues	0.24	Receipt Date			1.12	25/01/2023	
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.00/0.00	Mode of Payme	nt	18		DD	
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00		Previous C	onsumption	n Pattern		
Fuel Surcharge Adjustment	0.00	LPS Adjustment	0.00	Dilleseeth	Units	Units	NO	Century	
TOSITOS	0.000.00	Adv. Security Deposit	0465.33	Bai month	(KWH)	(KVAH)	MUI	Status	
TDS/TCS	0.00/0.00	Amt*/Non Energy chrg	0400.00	Nov-2021	6936.39	0	0	AV	
Excess Load Surcharge	0.00	Net Payable Amount	70200 00	Mar-2022	5946.1	0	0	AV	
Capacitor Surcharge	0.00	On Or Before Due Date(?)	10309.00	May-2022	34720.8	35013.81	47.41	OK	
MSC/Green Energy	0.000.00	Surcharge(₹)	2284.00	Oct-2022	32704.1	32928.19	41.7	OK	
Premium	0.00/0.00		2204.00	Nov-2022	8728.14	8784.24	12.55	OK	
Line Service Charges	0.00	Gross Amount Payable After	00000 00	Jan-2023	9095 39	9133.95	21.35	OK	
Capacitor Service Charges	0.00	Due Date(₹)	80033.00	and the second	0000.00	2100.00	(Action)		
Solar Rebate /Prepaid Rebate/Gaushala Rebate	0.00/0.00/0.00	Brief details of Sundry charges /all	owances	PAN / TAN :	1		12 51037 52		
Govt. Subsidy/Battery Rbt	0.00/0.00			Date from which	h bill other that	n "OK"	Reason:		
Electricity Duty	903.34			La beilig issued					
Municipal Tax / P Tax	1333,34	8							
Total Current Cycle Charges (₹)	78368.80	~ C							

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	This Bill be considered as a notice under section 56 of The Electricity Act 2003. Kindly pay the bill by						
Website:www.uhbvn.org.in at any time and at office counter	due date. In case of default the connection is liable to be disconnected after 15 days of due date.						
on all working days during working hours i.e. 09:00AM to	This is an interest security amount and interest on this security @6.75 % shall be paid for FY 2023-24.						
03:00PM.	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 & Tele	For all type of complaints call at:						
	Consumer Grievance Redressal Forum	Ombudsman	1912 or 1800-180-1550 (Toll Free)					
SDO 'OP' S/Divn UHBVN - R34-Meham	Sector-B, 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)					



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			Net	Net Payable Amount on or before Due Date (?): 86677.00						
Address: Meha	m, MEHAM, M	eham, HR, IND		2	Old Acct No. 2	2242203UMAD	0251X	Due I	Date: 02/0	6/2023					
ALL BULLE	1.0	0.000	00000		K No: R34MN	1AD0251X		Surch	arge(*): 2	2526.00		1. (E) 00000			
Circle : Rohtak	these Alle I	Cycle/Group:	GDZH/03	U I	Issue Date: 2	3/05/2023		Gross	s Amount F	Payable Aft	er Due Da	ate(*): 89203	3.00		
Rohtak	rban wo.i	Bill Month:	MAY/202	80 J	Bill No: 10120	8279736				~					
Sub Division: R	34-Meham			in constant	Net Payable /	Amount in word	s: Eighty	Six Tho	usand Six	Hundred S	eventy S	even Rupees	Only		
		Hete	User Id:	report	us Generated	1 On:- 11-10-20	23 11:53	37	LICO In a	one hilling o	false.				
	Mater Dec	Mete	er and Res	ad Deta	ans (" Latest #	WCO is shown i	n case of	multiple	e MCO in c	one baing o	yde)	man a			1.000
Meter No.	Old	New	Davs	MDI	Unit	Old	Reading	New	M.F.	Unit	s	Units	Basis	Rmrk	Sts
7589921	25/03/2023	23/05/2023	59	32.97 (KW)	kWh	56562.97	66	255.94	1	9692.	97	9692.97	ОК	ОК	A
7589921	25/03/2023	23/05/2023	59	0.00	kVAh	56907.43	66	660.84	31	9753.	41	9753.41	ок	OK	A
		· · ·	-								-				-
Arrear	s Outstanding	for the Financial	Year (₹)		100000	Slab Calc	ulation	-				Connection I	Details		-
Description	Previous	Current	Tota	1(7)	Unit	Rate	An	nount (ariff Categ	ory			LTS	NDS
SOP Charges	0.00	0.00	2	0.00	9092.9	7 7.360	71	534.12	- 1	als in BS (DS)				N/A
F.J.A. Surcharme	0.00	0.00		0.00		Iotal	1	034.12		supply volu	sge(kV)	000			10.00
E Dudu	0.00	0.00		0.00	Applicat	ne Tanti on Rea	ad Date:			ALC/PL	road live			7	275 86
M Tay	0.00	0.00	-	0.04	<u> </u>				. n	ANAL(S)	tinon			63	801 00
Eived Charges	0.00	0.04		0.04					0	OC/DOF	JUSIL	-		01/14	/1064
Excess Credit	0.00	0.00		0.00	100				Meter Ownership/MDI Meter Meter Make/Meter Type			1 Mater	Nigam Meter		
Total Arrear	0.00	0.04	6	0.04								pe	н	SPL /3-Ph	1-MTF
	-														
Details o	f Charges for	Current Cycle	1		Details of A	mount Payabl	e				Last	Payment Det	ails	70	200.00
Eired Chomes	puon	Amount (<)	D. Cum	of Curr	la Charana		mount (73.68	Amount	() No		-	,	1012071	01541
Enerry Charges		71534.1	2 Arres	re/Outs	e Charges standing Dues		0/5	0.04	Receipt	Date		-		1012071	01341
MMC/EC for Re	connection	0.0	0 Sund	ry Cha	nes/Allowanc	aa aa	0.00/-8	197 22	Mode of Payment					00.0	DE
Amount to cove	or MMC	0.0	10 Provi	sinnal A	Adjustment/BE	P Adi	0.00150	0.00	incode or	Payment	mulaus (Consumption	Dattern		-
Fuel Surchaine	Adjustment	4092.4	In LPS	Adjustment		trug.		0.00	5528	100	Units	Unite	ration	263	5
TDS/TCS	rigasenen	0.00/0.0	Adv. Amt*	Securit Non Er	y Deposit nergy chro	osit		65.33	Mar-2022 5946.1		(KVAH)	MDI	Sta	tus	
Excess Load S	urcharge	0.0	0 Net	ayabl	e Amount		966	77 00	May-2	022 3	4720.8	35013.81	47.41	OF	(
Capacitor Surc	harge	0.0	0 On C)r Befo	ore Due Date	(*)	000	11.00	Det-20	022 3	2704.1	32928.19	41.7	OF	¢.
MSC/Green En	ergy	0.00/0.0	00 Surch	arge(?)		25	26.00	Nov-2	022 8	728.14	8784.24	12.55	OP	(
Line Service Cl	ames	0.0	0 Gros	s Amni	int Payable Af	ter	- 50	20222214	Jan-20	023 9	095.39	9133.95	21.35	OF	<u> </u>
Capacitor Servi	ice Charges	0.0	Due 1	Date(₹)	1.00	550 ₁₀	892	03.00	Mar-2	023 9	033.44	90/8.24	13,43	OF	(
Solar Rebate /F	Prepaid	0.00/0.00/0.00	n Brief	details	s of Sundry c	harges /allowa	inces	_	PAN/T	AN: /					
Rebate/Gausha	ala Rebate	0.000.0000.0	Secu	rity Der	nosit interest (Interest on ACI	Securit	e for	Date fro	m which bi	l other th	an "OK"	Reason		
Govt. Subsidy	Battery Rbt	0.00/0.0	0 FY:2	022-23))	interest on rise	occurr.		is being	issued:					
Electricity Duty	D. Tax	969.3	0						ALC	ên -			300		
Total Current	Cycle	1012.0	33												
Charges (₹)	-,	87573.6	18												
DD to be draw	m in favour of		SDO R3	I-Meha	m, UHBVN,	MEHAM									
					Importa	nt Information	for cons	umers:	3						
Payment of th	is bill can be n	nade online by log	gging on t	he	This Bill	be considered	as a not	ice und	er section	156 of The	Electrici	ty Act 2003.	Kindly pay	the bill I	by
website:www.	dave during in	at any time and at	office co	Inter	due date.	In case of def	ault the	connec	tion is liat	on this sec	sconnec	75 % eball b	days of du	e date.	2.6
03:00PM.	days during v	working hours i.e.	05.004.00	10	T&C shall	apply	my amo	unit and	merest	on this sec	urity ige	.ro % shall c	e paid for	FT 20235	24.
					04	00065									
		Add	iress and	Teleph	ione Number	(s) of the authority	orities re	lating t	o consum	ers grieva	nces				
Grevance pertaining to this bill can be lodged with				Add	dress & Telepho	one numb	er(s) of	the			F	or all type ca	of compl Il at:	aints	
		C	Consumer	Grievar	nce Redressal	Forum			Ombudsman				1912 or 18 (Tol	00-180-19 I Free)	550
SDO 'OF	S/Divn UHBV	N.					HERC,	Sec-4,	Bays No. 3	3-36, Pano	hkula, Hi	sryana	A-10		
- R	34-Meham	Sec G'	ctor-8, VID YMKHANA	YUT S	ADAN, 1st Fic I, Kurukshetra	oor, Near -136118		Ema	al ID : 191) act No +	2@uhbvn.c 91(172)257	rg.in 2299	8	1800 180 2124 (Vigitance Toll Free)		
						Wh	atsApp No	- 9815961	912						







Duplicate Bill

Account No: 1012071000

Name: PGC	OLLEGE	a			Account No:	1012071000	Regeneration	Net P	ayable	e Amou	nt on or be	fore Due Da	ate (?): 75	79.00	
Address: Meha	m, MEHAM, Me	eham, HR, IND			Old Acct No: 2	2242203UMAE	00251X	Due D	Date: 0	1/08/202	3				
State States					K No: R34MM	AD0251X		Surch	large(₹)	2201.0	0	and a state			
Circle : Rohtak		Cycle/Group	GDZH/0	3U	Issue Date: 19	3/07/2023		Gross	Amou	nt Payab	le After Due	Date(₹): 779	00.08		
Division: Sub-L Rohtak	Jrban No.I	Bill Month:	JUL/202	3	Bill No: 10120	9736548									
Sub Division: F	34-Meham			1	Net Payable A	mount in word	is: Seventy	Five T	housar	nd Seven	Hundred Se	venty Nine F	tupees Only	ć.	
			User I	1- report	us Generated	On:= 11-10-20	23 11:52:5	55			an-on gene				
		Me	ter and R	ead Deta	ails (* Latest N	ACO is shown	in case of	multiple	e MCO	in one bi	ling cycle)				
Meter No.	Meter Rea	ding Date	Period	MDI	Unit	Mete	r Reading		M	F. Co	nsumed	Billed	Bill	Read	Mt
7580021	Old 23/05/2023	New 10/07/2023	Days	28.24	kiAlb	Old 68255.04	758	1ew	1		Units	0347.28	Basis	Kmrk	Sts
7500024	2010012020	10/07/2023	57	(KW) 0.00	ATTO -	00200.04	700	45.05	1 2		1041.20	0047.20	OK	OK	
7009921	23/03/2023	19/07/2023	5/	0	AVAN	00000.04	700	40.00			304.02	9304.02	UK	UN	~
Arrear	rs Outstanding	for the Financi	al Year (?)	80		Slab Cale	culation			1		Connectio	n Details		
Description	Previous	Current	To	ai (₹)	Unit	Rate	Ame	ount (?)	Tariff (Category			LTS	S-NDS
SOP Charges	0.00	0.00	1	0.00	9347.28	7.380	689	82.93		Flats in	BS (DS)				NA
F.S.A.	0.00	0.00		0.00)	Total	689	82.93		Supply	Voitage(kV)	Kargus a-		(0.40 KV
Surcharge	0.00	0.00		0.00) Applicab	le Tariff on Re	ad Date:			Sanctio	oned Load (M	(w/CD)			19.90
E. Duty	0.00	0.00	62	0.00)					MMC()			7	030.00
M. Tax	0.00	0.50	81 T	0.50)					Securit	y Deposit			63	691.99
Fixed Charges	0.00	0.00	6 C	0.00)					DOC/E	IOE			01/1	1/1966
Excess Credit	0.00	0.00	598	0.00	1				Meter Ownership/MDI Meter			IDI Meter	-	Nigam	Meter
Total Arrear	0.00	0.50	10 10 10	0.50						Meter	Make/Meter	Гуре	8	HSPL /3-P	H-MTF
Details o	f Charges for (Current Cycle			Details of A	mount Payab	le				Las	t Payment I	octails		
Descri	ption	Amount (₹)	(C) (De	escription	1	、mount (考))	Amou	int(₹)				86	676.00
Fixed Charges	8		.00 Cu	rent Cycl	le Charges		7577	78.40	Recei	ipt No			L	101207	151834
Energy Charge	15	68982	.93 Am	ars/Outs	standing Dues			0.50	Recei	pt Date	12			25/0	5/2023
MMC/FC for Re	econnection		.00 Sur	dry Char	rges/Allowance	es	0.00	00.00	Mode	of Paym	ent				DD
Amount to cove	er MMC		.00 Pro	visional A	Adjustment/BR	R Adj.		0.00			Previous	Consumpt	ion Pattern	- 31	
Fuel Surcharge	e Adjustment	4393	.22 LPS	Adjustn	nent			0.00	Bil	month	Units	Uni	IS MI	Sta	stus
TDS/TCS		0.00/0	.00 Am	*/Non Er	nerav chra			0.00	Ma	y-2022	34720.8	35013	.81 47.4	1 0	ĸ
Excess Load S	urcharge	(.00 Net	Payabl	le Amount	24	2000		Oc	1-2022	32704.1	32928	19 41	7 0	ĸ
Capacitor Surc	harge	(.00 On	Or Befo	ore Due Date	(7)	7577	9.00	No	v-2022	8728.14	8784	24 12.5	5 0	K
MSC/Green En	hergy	0.00/0	OD Sur	charge(₹	.)	V40 91	220	01.00	Jar	1-2023	9095.39	9133	95 21.3	5 0	ĸ
Premium	hadden -		00 0-	an America	of Depushie AB	-			Ma	r-2023	9033.44	9078.	24 13.4	3 0	К
Canacitor San	ice Champes		00 Due	Date(?)	ant Payable An	er:	7798	80.00	Ma	y-2023	9692.97	9753	41 32.9	7 0	К
Solar Rebate /	Prepaid	0 00/0 00/0	00 Bri	f details	s of Sundry cl	harges /allow	ances		PAN	/ TAN :	1				
Rebate/Gaush	ala Rebate	0.000			1.52	- 30			Date	from whi	ich bill other	than "OK"	Reaso	t:	
Govt. Subsidy	Battery RDt	0.00/0	.00						is be	ing issue	d:	26.024 (26.612		04.11	
Municipal Tax	PTax	1463	52												
Total Current	Cycle	3403													
Charges (₹)		75778	.40												
DD to be drav	wn in favour of	2 1	SDO R	34-Meha	m , UHBVN , I	MEHAM			00						
					Incode	t before state	Incom								
Daugana at at at	is hill one he	ada antina bart	anales of	the	Importan	n mormation	tor consu	umers:		lan Fr	The Floor		a Microfit	nu line hitt	Barro
Website www	ubbyn orn in a	any time and	ogging or st office c	number	due date	In case of de	fault the c	ce una	tion is	liable to	he disconn	city Act 200	5 days of r	ay the oill	by
on all working	days during w	orking hours i.	. 09:00AI	A to	This is an	interest secu	rity amou	int and	intere	st on this	s security @	6.75 % sha	I be paid fo	r FY 2023	24
03:00PM.	And the second second	North Contractory	549H7970/005	11955	T&C shall	apply	24.4360710	0000000	9999-00	894704208	x () () () () () () () () () (A. 2029-12-12-12-12-12-12-12-12-12-12-12-12-12-	101440320	288115
		10							00000	611.200-					
Grievance pert	aining to this hill	can be	idress an	Teleph	one Number	s) of the auth	orities rel	ating to	o consi	umers g	nevances		For all two	e of comp	laints
la la	dged with				Add	Address & Telephone number(s) of			s) of the				tor an typ	call at:	
		cu.	Consume	Grievar	nce Redressal	Forum	Sector and the		Ombudsman				1912 or 1800-180-1550 (Toll Free)		350
SDO OR	P S/Divn UHBV	N					HERC, S	Sec-4, I	Bays N	0. 33-36,	Panchkula,	Haryana		AND PROPERTY.	
- F	34-Meham	S	ector-8, V GYMKHAM	DYUT S	ADAN, 1st Flo 3, Kurukshetra-	or, Near -136118		Ema Cont	act No.	912@uh - +91(17	bvn.org.in 2)2572299		1800 (Vigila	180 2124 nce Tall Fre	e)
								Wh	atsApp	No:- 981	5961912		07515307353333333353		



Electricity Bill



Duplicate Bill

Account No: 1012071000

Name: P G COLLEGE		Account No: 1012071000	Net Payable Amount on or before Due Date (₹): 138563.0		
Address: Meham, MEHAM, M	leham, 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 - rep	ortus Generated On:- 11-10-2023 11:51:43			
	Mater and Dead I	Astalle // Latast MCO is shown in assa a	f an diala 1400 in one billion midal		

Mater Ma	Meter Rea	ding Date	Period	MOL	(Late)	Meter F	Reading	ME	Consumed	Billed	Bill	Read	Mtr
meter No.	Old	New	Days	MUI	Unit	Old New M.	M.P.	Units	Units	Basis	Rmrk	Sts	
7589921	19/07/2023	22/09/2023	65	43.43 (KW)	kWh	75603.22	92694.96	(1)	17091.74	17091.74	ОК	ОК	Α
7589921	19/07/2023	22/09/2023	65	0.00	kVAh	76045.66	9317 <mark>9.98</mark>	1	17134.32	17134.32	ОК	ОК	A

Arrears	Outstanding	for the Financial Y	fear (₹)	Slab Calculation			Connection D	etails
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:		Date:	Sanctioned Load (Kw/CD)	19.90/
E. Duty	0.00	0.00	0.00	ac			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 C	urrent Cycle	Details of Amount P	ayable	Last Payment Details					
Description	Amount (₹)	Description	Amount (?)	Amount(₹)		26 8		75779.00	
Fixed Charges	0.00	Current Cycle Charges	138562.73	Receipt No			1	01207126182	
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	1	Previous C	onsumption I	attern	a	
Fuel Surcharge Adjustment	8033.12	LPS Adjustment	0.00	Bill month	Units	Units	MD	Plates	
TRETOR	0.00/0.00	Adv. Security Deposit	0.00	Baimonth	(KWH)	(KVAH)	MLA	Status	
Ibarica	0.00/0.00	Amt*/Non Energy chrg	0.00	Oct-2022	32704.1	32928.19	41.7	OK	
Excess Load Surcharge	0.00	Net Payable Amount	439563 00	Nov-2022	8728.14	8784.24	12.55	OK	
Capacitor Surcharge	0.00	On Or Before Due Date(?)	100003.00	Jan-2023	9095.39	9133.95	21.35	OK	
MSC/Green Energy	0.00/0.00	Surcharge(₹)	4025.00	Mar-2023	9033.44	9078.24	13.43	OK	
Premium		S		May-2023	9692.97	9753.41	32.97	OK	
Line Service Charges	0.00	Gross Amount Payable After	142588.00	Jul-2023	9347.28	9384.82	28.24	OK	
Capacitor Service Charges	0.00	Due Date(₹)	142.000.00						
Solar Rebate /Prepaid Rebate/Gaushala Rebate	0.00/0.00/0.00	Brief details of Sundry charges /	allowances	PAN/TAN:		0.00			
Govt. Subsidy/Battery Rbt	0.00/0.00	Transfer Adjustment from Over Pay	yment ()	Date from which bill other than "OK" Re					
Electricity Duty	1709.17	Transfer Adjustment from Over Payment ()		Is being issued:					
Municipal Tax / P Tax	2683.40								
Total Current Cycle Charges (₹)	138562.73								

DD to be drawn in favour of

SDO R34-Meham , UHBVN , MEHAM

Payment of this bill can be made online by logging on the <u>Website:www.uhbvn.org.in</u> at any time and at office counter on all working days during working hours i.e. 09:00AM to 03:00PM.

Important Information for consumers: 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	For all type of complaints call at:						
WW 0999 (2010) 511 (100 (2010) 2	Consumer Grievance Redressal Forum	Ombudsman	1912 or 1800-180-1550 (Toll Free)				
SDO 'OP' S/Divn UHBVN - R34-Meham	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)				

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 celling 3 Exhaust	06	
	Fan)		
103	06 (5celling 1 Exhaust	02	
	Fan)		
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 Celling fan	03	
	01 Exhaust fan		
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.

<u>Chapter – II : Water Usage and Management</u>

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 prioritize the health and well-being of student community, fostering a conducive and secure environment for learning and living.

Within the college campus, college take great pride in commitment to sustainable practices, and rainwater harvesting pits exemplifying this dedication. These pits serve as essential components of our watermanagement strategy, aimed at conserving this precious resource. Through the meticulous collection of rainwater, college not only reduce reliance on external water sources but also actively contribute 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 benefit immediate campus community but also set an example for responsible water use and conservation in the larger community. It is through such endeavors that college hope to inspire a culture of environmental responsibility and sustainability among students and beyond.



O/o The Sub Divisional Engineer, Public Health Engg. Sub Divis Meham Dated. Memo No. CERTIFICATE TO WHOM IT MAY CONCERN It is certified that drinking water supply Govt. College Meham is fit and safe for drinking. Sub ISbb Division Bull Rear P.H. Engg. 8/Divn. Meham

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.	Description	Details
No. 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 and friendly
2	Way of disposing normal drywaste in the campus	combustible waste and dried leaves, ensuring eco-friendly practices.Normal dry waste within the campus is responsibly collected and managed. This dedicated workforce ensures the proper disposal of dry waste, contributing to aclean 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 Meham 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, weenlist 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 forall.

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 is 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	Eudynamys scolopaceus
2	Common Myna	Acridotheres tristis
3	Black Drongo	Dicrurus macrocercus
4	House Crow	Corvus splendens
5	House Sparrow	Passer domesticus
6	Indian Grey Hornbill	Ocyceros birostris
7	Common ChiffChaff	Phylloscopus collybita
8	Common Woodshrike	Tephrodornis pondicerianus
9	Eurasian collared dove	Streptopelia decaocto
10	Crow pheasant	Centropus sinensis
11	Green bee-eater	Merops orientalis
12	Indian peafowl	Pavo cristatus
13	Jungle Babbler	Argya striata
14	Jungle Crow	Corvus culminatus
15	laughing dove	Spilopelia senegalensis
16	Rock Pigeon	Columba livia domestica
17	Red-vented bulbul	Pycnonotus cafer
18	Red-whiskered bulbul	Pycnonotus jocosus
19	Bengal eagle-owl	Bubo bengalensis
20	Black-rumped flameback	Dinopium benghalense
21	Streak throated Woodpecker	Picus xanthopygaeus
22	Indian fruit bat	Pteropus giganteus)

4.2 Floral diversity in Government College Meham



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

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

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 inspirednot 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, offeringboth 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 educationand 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.

<u>CHAPTER-V: ENVIRONMENTAL EDUCATION AND COMMUNITY</u> <u>ENGAGEMENT</u>

Environmental education in college combines classroom learning with community engagement to nurture environmentally conscious citizens. College courses teach ecological principles, sustainability, students about 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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GLIMPSES OF INSPECTION

