

GURU NANAK KHALSA COLLEGE FOR WOMEN

GUJARKHAN CAMPUS, MODEL TOWN, LUDHIANA



2021-22

7.1.6

‘Quality audits on environment and energy are regularly undertaken by the institution’

SUPPORTING DOCUMENT

Dr. Maneeta Kahlon

Principal
Dr. MANEETA KAHLON
Principal
G.N.Kh. College for Women
Gujarkhan Campus, Model Town,
Ludhiana.

INTERNAL WATER AUDIT

A water audit is a study of the water use of an entity. It starts at the point where water enters the premises and goes up to the point where the waste water is discharged, critically examining all aspects of use. A water audit, similar to an energy audit, is the method of quantifying all the flows of water in a system to understand its usage, reduce losses and improve water conservation.

Internal water audit was carried out by water management team under which all the filters in the college campus were counted and AMC amounts were listed down. Committee for water audit include:

Dr. Kuldeep Kaur

Mrs Shikha Kalra

Mrs Amarpreet Kaur

Mrs Harpreet Kaur

Mrs Seema Devi

Mrs Balwinder Kaur

WATER FILTERS IN COLLEGE

Area	Type	Capacity	AMC
Hostel (2)	Commercial	30 Ltr in 1 hr.	6,500
Canteen (1)	Commercial	35 Ltr in 1 hr.	7,500
Domestic R.O			
Principal House	R.O	15 Ltr in 1 hr.	4,200
Hostel Warden	R.O	8 Ltr in 1 hr.	4,200
Principal Pantry	R.O	8 Ltr in 1 hr.	4,200
Home Science Lab	R.O	8 Ltr in 1 hr.	4,200
Simple Aqua			
Area	No. Alloted	Capacity	AMC
Block 1 (3rd Floor)	1	50 Ltr in 1 hr.	2,400
Music Room	2	50 Ltr in 1 hr.	2,400
Seminar Hall	3	50 Ltr in 1 hr.	2,400
Home Science	4	50 Ltr in 1 hr.	2,400
Block 2 (3rd Floor)	5	50 Ltr in 1 hr.	2,400
Commerce Dept.			

Maneeta

Principal Principal
G.N. Kh. College for Women,
Model Town, LUDHIANA.

Ramesh Kumar

Ramesh Kumar
R.K. ENTERPRISES
H.No-22, St. No-4, Shaheed Sukhdev Singh
Nagar, V.P.O-Lohara, LUDHIANA

List of water filters in college and amounts of their AMCs

Recommendations by internal audit committee:

1. AMC of water purifiers should be replaced as and when required.
2. Exhaust pipe of water cooler in canteen should be made underground to avoid leakage.
3. Cleaning of water coolers should be done more often.

Although the need for external water audit was felt, which will be a comprehensive document which will serve as a guide for next 3 years.

WATER MANAGEMENT

POSTER-MAKING COMPETITION

12 OCTOBER 2021



The Water Management sub-committee of Swachhta Action Plan (SAP) committee of the college organised a Poster-making competition in the college campus. The teacher incharge working under SAP coordinator Dr. Parveen Arora are: Dr. Kuldeep Kaur, Ms. Shikha Kalra, Ms. Amarpreet Kaur, Ms. Jaspreet Lamba, Ms. Seema Devi, Ms. Harpreet Kaur, Ms. Shubhra Sharma, Ms. Balwinder Kaur. The college Principal Dr. Maneeta Kahlon congratulated the participants for creating awareness about water conservation amongst society and students.

CLEANLINES OF WATER TANKS

19 OCTOBER 2021

- Water Management Team (SAP Committee) of GNKCW, Gujarkhan Campus was organized Water Audit on 19 October 2021. A water tank is a container for storing water and also important for cleanliness of water tanks. Water tanks are used to provide storage of water for use in many applications like drinking water, irrigation agriculture, fire suppression, food preparation as well as many other uses.

- In college we have total 8 water tanks. The capacity of 3 tanks is 500 litres and of 5 tanks is 1000 litres. We have to clean water tanks prior to 6 months

cleaning which was done on 19 October 2021. College Principal Dr. Maneeta Kahlon appreciated the efforts of the SAP Committee members & motivated them to work for the proper management & conservation of water.

water tanks prior to 6 months done on 19 October 2021. Maneeta Kahlon appreciated Committee members & the proper management &

**ATTACHED
25 OCTOBER 2021**

DRAINAGE PIPES



Water Management Team (Swachhta Action Plan Committee) of the college under MGNCRE, Ministry of Education, Government of India, has been working diligently towards water conservation. The water coolers of the college are regularly maintained to ensure clean drinking water. In addition, drainage pipes have been attached to water taps and coolers to ensure zero water wastage. These waste water collection pipes are connected to the green areas of the college. The college Principal, Dr. Maneeta Kahlon appreciated the efforts of the SAP Committee members.

PRESS CLIPPING

गुरु नानक खालसा कॉलेज में जल प्रबंधन पर कराई गतिविधियां

लुधियाना। मॉडल टाउन स्थित गुरु नानक खालसा कॉलेज फॉर वुमन गुजरखां कैम्पस की जल प्रबंधन टीम एमजीएनसीआरई (शिक्षा मंत्रालय, भारत सरकार) के तहत परिसर में जल प्रबंधन की दिशा में लगन से काम कर रही है। अक्टूबर में संपन्न विभिन्न गतिविधियों में जल प्रबंधन छात्र दल का

गठन, पोस्टर-मेकिंग प्रतियोगिता, सभी पानी की टंकियों की सफाई अभियान, जलापूर्ति लाइन की मरम्मत, पानी के नल और कूलर से ड्रेनेज पाइप को जोड़ना, लॉन में पानी के छिड़काव का उपयोग, जलाशय की सफाई और रखरखाव अभियान और छात्रों द्वारा जल बचाओ पृथ्वी बचाओ पर जागरूकता

अभियान चलाया गया। प्रिंसिपल डॉ. मनीता काहलों ने जल प्रबंधन टीम के सदस्यों के प्रयासों की सराहना की। उन्होंने जोर दिया कि उचित जल प्रबंधन के माध्यम और हर बूंद को बचाने के सिद्धांत को अपनाकर हम पृथ्वी को बचाने में एक जिम्मेदार नागरिक के रूप में योगदान दे सकते हैं।

REPAIRED WATER SUPPLY LINE

26 OCTOBER 2021



Water management Team(Swachhta Action Plan committee) of GNKCW, Gujarkhan Campus, Model town, Ludhiana under MGNCRE, Ministry of Education, Government of India, has been working diligently towards Water management in the campus. Under this Water supply line was repaired by replacing wall cock and nipple in Home Science washroom on 21st Oct.2021 to ensure uninterrupted water supply in the department as well as in bank washroom.

PRESS CLIPPINGS

पानी के संरक्षण के लिए कर रहे प्रयास



लुधियाना। केंद्र सरकार के शिक्षा मंत्रालय के एमजीएनसीआरई के तहत गुरु नानक खालसा कॉलेज फॉर वुमन गुजरखां कैम्पस की जल प्रबंधन टीम (स्वच्छता कार्य योजना समिति) पानी के संरक्षण के लिए प्रयास कर रही है। पेयजल को सुनिश्चित करने के लिए कॉलेज के सभी वॉटर कूलर नियमित रूप से बनाए गए हैं। ड्रेनेज पाइप जुड़े हुए हैं, ताकि पीने के पानी के दौरान पानी की एक बूंद भी बर्बाद न हो। पानी की शून्य बर्बादी सुनिश्चित करने के लिए अपशिष्ट जल पाइप सीधे कॉलेज के हरित क्षेत्रों और सीवरेज बिंदुओं से जुड़े होते हैं। प्रिंसिपल डॉ. मनीता काहलॉन ने सैप समिति के सदस्यों के प्रयासों की सराहना कर उन्हें भविष्य में भी जल संरक्षण की ऐसी तकनीकों को लागू करने के लिए प्रेरित किया।



Water conservation meet at college

Water Management Team (Swachhta Action Plan Committee) of Guru Nank Khalsa College For Women, Gujarkhan Campus under MGNCRE, Ministry of Education, Government of India, is making great effort to conserve water. All water coolers of the college have been regularly maintained to ensure clean drinking water and drainage pipes are attached so that not even a single drop of water will be wasted during drinking water. The waste water pipes are directly connected to the green areas of the college and the sewerage points to ensure zero wastage of water. College Principal Maneeta Kahlon appreciated the efforts of the SAP Committee members and motivated them to implement such techniques of water conservation in future also.

OPTIMUM UTILIZATION & WATER CONSERVATION 26 OCTOBER 2021



Water sprinklers are regularly used in the lawns of GNKCW, Gujarkhan Campus to ensure only the amount of water your lawn needs is delivered. Such types of systems are designed to NOT waste water. These sprinkler water systems are helpful to deliver right amount of water uniformly to grass and plants to keep them green and healthy. It also saves water bill when compared to manual watering. These sprinklers are also used for cooling and for the control of air borne dust.

WATER CLEANLINESS AND MAINTENANCE DRIVE 26 OCTOBER 2021



Water Management Team(Swachhta Action Plan committee) of GNKCW under MGNCRE, Ministry of Education, Government of India, has been working diligently towards Water management in the campus. In which emptying the tank, cleaning of silt, dirt and algae, maintenance of pump is performed under the guidance of Water management coordinators Dr. Kuldeep Kaur and Mrs Shikha Kalra. Cover of the water tank. Principal, Dr. Maneeta kahlon appreciated the efforts of the water management Team members. She emphasized that through proper water management and by adopting the principle of saving every drop, we can contribute our part as responsible citizens in saving the earth.

ORIENTATION OF STUDENTS 27 OCTOBER 2021



Water Management Team (Swachhta Action Plan Committee) of GNKCW, Gurjarkhan Campus, Ludhiana is making great effort to create awareness regarding optimum utilization of water among college students. For this, water management students team have been formulated in which students belonging to different streams are the active members. Students and Staff on campus are regularly engaged in a number of activities that helps the campus to conserve water.

The college Principal Dr. Maneeta Kahlon appreciated the efforts of the SAP Committee members along with students & motivated them to work continuously for the proper management & conservation of water.

WATER FILTER MAINTENANCE 27 OCTOBER 2021

Water management Team (Swachhta Action Plan Committee) of GNKCW, Model Town Ludhiana under MGNCRE, Ministry of Education, Government of India has been working with full devotion and are in the process to accomplish diligence towards water filters maintenance to ensure clean and safe drinking water availability to students in the college campus. The list of Aqua guard water filters located in different areas of the

college campus has been numbered and their AMC and service has been completed as from 27th August to 16th October 2021 respectively.



WATER SEEPAGE MAINTAINANCE 03 NOVEMBER 2021



Water management Team (Swachhta Action Plan Committee) of GNKCW, Model Town, Ludhiana under MGNCRE, Ministry of Education, Government of India has been working with full devotion and are in the process to put a halt to water seepage in ground floor. In order to make an endeavor to accomplish the task, 2 wash basins fitted outside Home Science department were removed on 3-11-21. Prinipal Dr. Maneeta Kahlon appreciated the efforts of SAP Committee members.

REMUNERATION FOR CLEANING WATER TANKS 10 NOVEMBER 2021



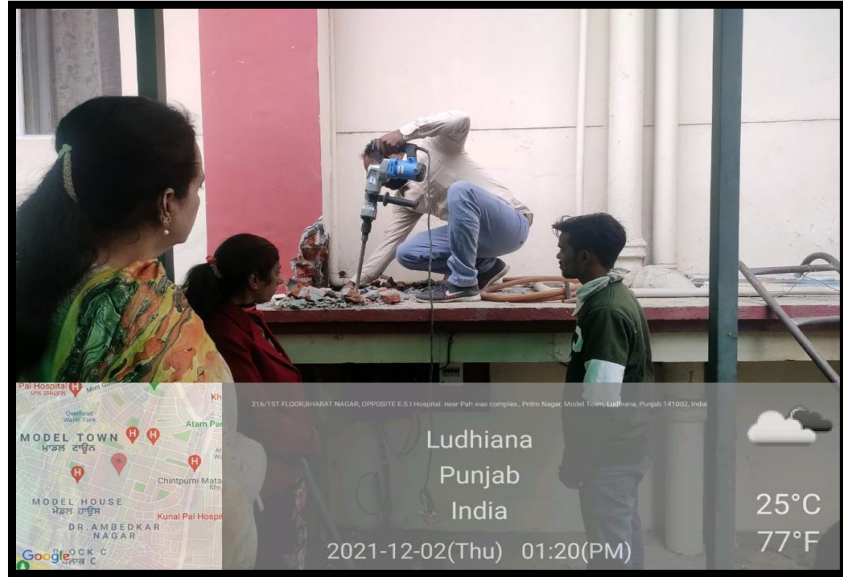
Water Management Team (Swachhta Action Plan committee) of GNKCW under MGNCRE, Ministry of Education, Government of India, has been working diligently towards Water management in the campus. Remuneration for cleaning water reservoir tank is paid by water management team to Amit under SAP. The college Principal Dr. Maneeta Kahlon appreciated the efforts of the SAP Committee members.

REPLACEMENT OF INLET PIPE 11 NOVEMBER 2021



Water management Team (Swachhta Action Plan Committee) of GNKCW, Model Town, Ludhiana under MGNCRE, Ministry of Education, Government of India has been working with full zeal to check any leaking pipes in the campus. There is a replacement of Inlet pipe to IFB machine in Foods lab. A water inlet pipe attached to IFB washing machine has been replaced on 11-11-21. The college Principal Dr. Maneeta Kahlon appreciated the efforts of the SAP Committee members.

INSTALLATION OF PVC PIPE 2 DECEMBER 2021



Water Management Team (Swachhta Action Plan Committee) of the college under MGNCRE, Ministry of Education, Government of India, has been working diligently to seek the root cause of leaking water pipe on opening the male socket. The entire water supply pipe was busted which was replaced by 180 feet PVC pipe on 4-12-21 in front of new hostel.

The college Principal, Dr. Maneeta Kahlon appreciated the efforts of the Water management team under SAP Committee.

PLEGGED TO PROMOTE THE SAVING OF WATER 4 DECEMBER 2021



Volunteers don't get paid, not because they're worthless, but because they're priceless. To mark the International Volunteer Day, the student volunteers of the Water Management Team of the Swachhta Action Plan (SAP) committee of the college pledged to promote the saving of water to maintain the continuity of life on the earth.

INSTALLED PVC PIPES 2 DECEMBER 2021



Water Management Team (Swachhta Action Plan Committee) of the college under MGNCRE, Ministry of Education, Government of India, has been working diligently to seek the root cause of leaking water pipe on opening the male socket. The entire water supply pipe was bursted which was replaced by 180 feet PVC pipe on 4-12-21 in front of new hostel. The college Principal, Dr. Maneeta Kahlon appreciated the efforts of the Water management team under SAP Committee.

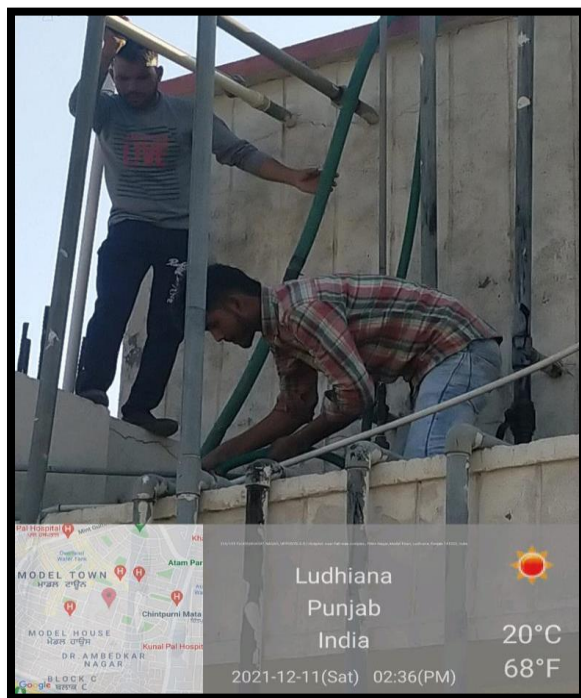
REPAIRED AND REPLACED DRAINAGE PIPES 9 DECEMBER 2021



Water Management Team (Swachhta Action Plan Committee) of the college under MGNCRE, Ministry of Education, Government of India, has been working diligently towards water conservation. The water coolers of the college are regularly maintained to ensure clean drinking water. In addition, broken drainage pipes of water cooler have been repaired and replaced to ensure zero water wastage in commerce block (second floor). The college Principal, Dr. Maneeta Kahlon appreciated the efforts of the SAP Committee members.

CLEANLINESS OF HOSTEL WATER TANKS

11 DECEMBER 2021



Water Management Team (SAP Committee) of GNKCW, Gujarkhan Campus, Ludhiana organized Water Audit on 11th December 2021. A water tank is a container for storing water and also important for cleanliness of water tanks. Water tanks are used to provide storage of water for use in many applications like drinking water, irrigation agriculture, fire suppression, food preparation as well as many other uses.

In college we have two cemented water tanks in old & new hostel. The capacity of 2 tanks is 10,000 litres. We have to clean water tanks prior to 6 months cleaning which was done on 11th December 2021.

College Principal Dr. Maneeta Kahlon appreciated the efforts of the SAP Committee members & motivated them to work for the proper management & conversation of water.