

KENDRIYA VIDYALAYA NO.1 B E G & C ROORKEE

WATER CONSERVATION E-MAGAZINE 2020-21



WATER CONSERVATION

ACTIVITIES IN VIDYALAYA



MESSAGE FROM PRINCIPAL...

When the well's dry, we know the worth of water." – Benjamin Franklin

Water is vital to life of all forms of the Earth. Pressures on water resources intensify everyday with the growth of the population. This has inevitably lead to depletion of water resources and scarcity of water.

The challenge of the present time is that of skilful but people oriented management. If life on earth has to survive we have to learn to respect nature, conserve water by wise use, adopt rain water harvesting and water recycling methods, initiate water conservation awareness in society, learn to reuse and recycle water, prevent & check water wastage and monitor water conservation.

The health and prosperity of nations depend on a very large measure not merely upon the quantity but also quality of water available for use. Water Literacy is the need of the hour. Man has to learn to live in balance with water to sustain life on the planet Earth.

We all wish to have a clean environment but very few of us are aware and much less feel genuinely concerned about it. Most of us dismiss the concern about it, thinking that we are neither environmentalist nor have any position to contribute towards saving the fast degrading environment. We must remember Julia Carney's immortal lines from her poem, Little Things

Little drops of water, little grains of sand make the mighty ocean and the pleasant Land.

My special thanks and blessings to all the contributors –Staff and Students of the Vidyalaya for their valuable contribution in publishing the online Magazine on Water Literacy and most importantly the appreciable work done towards water conservation in the school campus and mass awareness programmes undertaken in community towards this noble mission of Save Water the Elixir of Life.

V K TYAGI

PRINCIPAL

K V NO.1 ROORKEE



MESSAGE FROM VICE PRINCIPAL...

“The earth, the air, the land and the **water** are not an inheritance from our fore fathers but on loan from our children. So we have to handover to them at least as it was handed over to us. There is a sufficiency in the world for man's need but not for man's greed.” Mahatma Gandhiji

All Ancient Civilizations flourished and perished in the famous river valleys of the World due to use and misuse of water resources. Water is thus essential to sustain life. It is also essential for maintaining ecological systems necessary for the survival of life on earth. As a result water plays important roles in the eco system support, sustainable development, cultural values and management perspective.

Today world is facing a great challenge of providing its citizens with access to efficient, sustainable water services. We must not forget that water is a prime need for survival. Hence conserve water by wise use.

I would like to place on record my good wishes for furthering eco – awareness and understanding amongst all about our precious and fading resource water through this E- Magazine which is complimented with the actual work towards Water Use Sustainability in the Vidyalaya .

ANJU SINGH

VICE PRINCIPAL

K V NO.1 ROORKEE

WATER CONSERVATION COMMITTEE AT
VIDYALAYA LEVEL

SAVE WATER COMMITTEE

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Smt. Rukmni Kukreti

Sh. Amrish Kumar

Ms. Gulshan Khan

Smt. Kusum Joshi

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Ms. Upasna (10th C)

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Smt. Ritu Batra

Smt. Priyanka kala

STUDENT MEMBERS

Ms. Shruti Anthwal (11th C)

Master Krishna Kumar (10th A)

ONLINE AND OFFLINE ACTIVITIES IN VIDYALAYA TO AWARE STUDENTS, TEACHERS, PARENTS AND SOCIETY FOR WATER CONSERVATION

PLEDGE:

By administering PLEDGE in morning assembly to save water: We have conducted online and offline Pledge to save water in the Vidyalaya. Shri V K Tyagi the Principal of the Vidyalaya during the last years has administered oath to save water to the students and faculty in different schools of the city. In online Quiz Approx. 1300 Students participated and Offline Quiz approx. 9000 students and Teachers participated.

During lockdown of schools due to COVID pandemic the school as Lead Collaborator of CBSE HUBS Of Learning has administered online oath to save water in six other partner schools of the city.

The image displays two side-by-side screenshots of a Google Forms quiz titled "PLEDGE ON SAVE WATER" by K V No.1 ROORKEE. Both screenshots show the "Responses" tab, indicating a total of 2 points. The left screenshot, taken at 6:25 PM, shows 367 responses and features a cartoon water drop character with the text "I PLEDGE TO #SAVE WATER". The right screenshot, taken at 9:41 AM, shows 851 responses and features a Hindi slogan: "जो पानी को बचाएगा समझदार वो कहलाएगा" (Who saves water, that person will be called a wise person). Both forms include fields for "Form description", "Email address", and "Valid email address", and a note stating "This form is collecting email addresses. Change settings".



ONLINE QUIZ AND WEBINAR ON WATER CONSERVATION

Online Quiz are regular feature for educating and generating awareness about water literacy among students and society.

A **webinar** was organized on the topic of water conservation in Kendriya Vidyalaya No.1 Roorkee on 29 September 2020 with a view to make students, parents and society aware of water conservation. Scientists of **National Institute of Hydrology** Dr. VC Goel and Scientist Mr. Omkar Singh joined as keynote speakers. In Webinar Approximately 2000 people including Students, Teachers and parents joined via **Google Meet**, **Youtube** and **Facebook Live**.



केंद्रीय विद्यालय क्रमांक - 1, बी. ई. जी. एवं सी. रुड़की
वेबिनार - जल संरक्षण
२९ सितम्बर २०२०, अपराह्न २.३० बजे से ४.०० बजे तक

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अपराह्न २.३० बजे से ४.०० बजे तक

प्रतिभागिता के लिए लिंक पर रजिस्टर करें
<https://forms.gle/B7f7pQ8cdVEdJ9p58B7>

सभी वेबिनार प्रतिभागी प्रमाण-पत्र प्राप्त करेंगे



INNOVATIVE WORKS AND ACTIVITIES

TO CONSERVE WATER IN VIDYALAYA

a) Save water of A.C. The A.C. are used in School and water is wasted when A.C. are in use. We collect the waste water of A.C. by using Bucket at the eject point and this water is used for watering plants etc.

Our Vidyalaya is having 15 A.C. and normally one A.C. (1.5 Ton) ejects 20 litre of water in a day. Hence 15 A.C. ejects 300 litre water which is prevented from being wasted and is used effectively for watering plants.

b) Save water of R.O.:- Normally a R.O. of 50 litre capacity ejects 150 litre water as waste which is a major waste nowadays. Our school is having 5 R.O. of 50 litre capacity and our usage is approx 800 litre water. We use the waste water of R.O also in watering of plants.

c) Harvesting of hand pump water:-We are having two hand pumps and it is used by 1600 students. In this case major water is wasted since the students use it frequently. We have constructed a pit of 1000 litre near each hand pump which has soft ground at bottom and side and the wasted water is collected in these pits and it is used to recharge ground water. It this way we save more than 1000 litre water per day.

d) Students are encouraged to carry water bottles in school:- In this way, water is also saved since these students waste less water with respect to, if they directly use water taps.

e)Left water in water bottle is used for watering of plants:- Our students have the tendency of throwing left water in bottles in the plants when they leave school. In this way water is used for watering of plants.



DIFFERENT ACTIVITIES ORGANISED IN VIDYALAYA TO SPREAD WATER CONSERVATION AWARENESS

Painting Competitions organised:- Painting competition are organised in Vidyalaya many times. The purpose is to create awareness on water conservation and to stimulate the young mind on the importance of water conservation to promote habits that students can adopt from early age. We have organised free hand competition in our Vidyalaya on **save water save future** to encourage awareness and creativity. We have conducted it thrice in last one year on 30.08.18, 16/7/19, 31.07.19 & 07.09.20 The school under BALA (Building As Learning Aid) encourages students to paint murals on water conservations at specific places on school campus and water points etc.

Essay Competitions organised:- Essay competitions on water conservation and management was organised in Vidyalaya frequently. The objective of essay competition was to engage children in creative exercise to identify their hopes of the future with regard to water conservation. It is also helpful in providing an outlet and expression of creative and innovative ideas.

Debate Competitions organised:- Debate competitions was held at our Vidyalaya frequently. The topic was related to water conservation, as "Technology can help avert water crisis" like this. The students were enthusiastic for this competition. The objective of the debate competition was to generate effective critical thinking among young minds to find an answer to the acute water problem.

Save water by putting best quality push type taps:- In our school we are using push type best quality water taps which also saves water from leakage. In school, students have a tendency to leave water taps open and by this way, water wastage is a major problem. By this way, we have also saved water from wastage

and we have 200 water taps and normally we save more than 500 litrewater per day and wastage in the taps is also collected in the pits to recharge ground water.

By conducting rally for awareness: We have conducted rally with our students by taking slogan written on hard board and carrying in their hands in nearby villages. We have created awareness by this way. We have conducted rally twice in this session.

By conducting water exhibitions : we have conducted water exhibitions in our vidyalaya thrice during last one year. National Institute of Hydrology (NIH), Roorkee conducted water exhibition twice in our Vidyalaya on 30.08.19 and 20.09.19 . We have also conducted water exhibition for our students on 31st July

19. All the students participated in water exhibition and it has created water awareness.

By conducting awareness session by calling Sr. Scientist from NIH, Roorkee: Sr. Scientists NIH, Roorkee conducted water awareness session for our students on 30.08.18 and 31.07.19 and Sr. Scientist Sh. Onkar Singh conducted awareness session on 20.09.19 and **webinar** on 29.09.2020.

By showing documentary films on save water save future to the students:

We have shown documentary to the students to save water. We have shown it frequently.

SAVE WATER BY PLANTING MORE TREES

By planting more than 3000 plants in our school campus. We have planted more than 3000 plants to have greenery and save rain water also. It is also save the environment from pollution. We use bucket and mug for watering of these plants to avoid wastage of water. In this way, we also save water.



PICTURE GALLERY









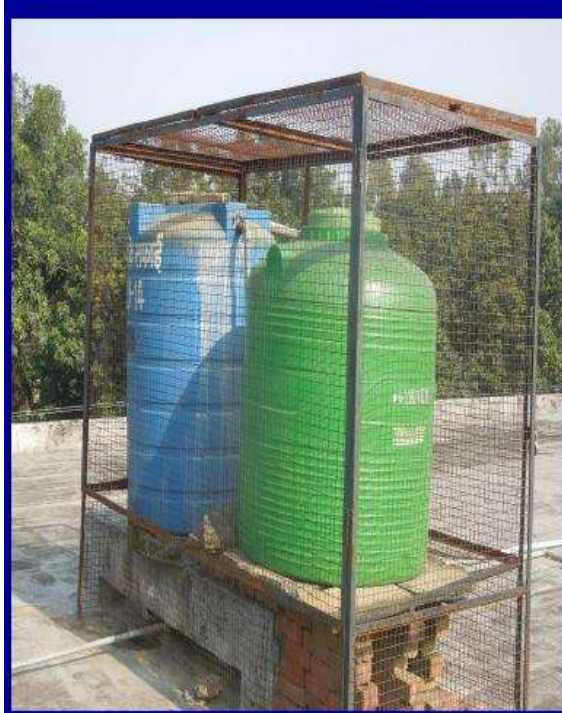


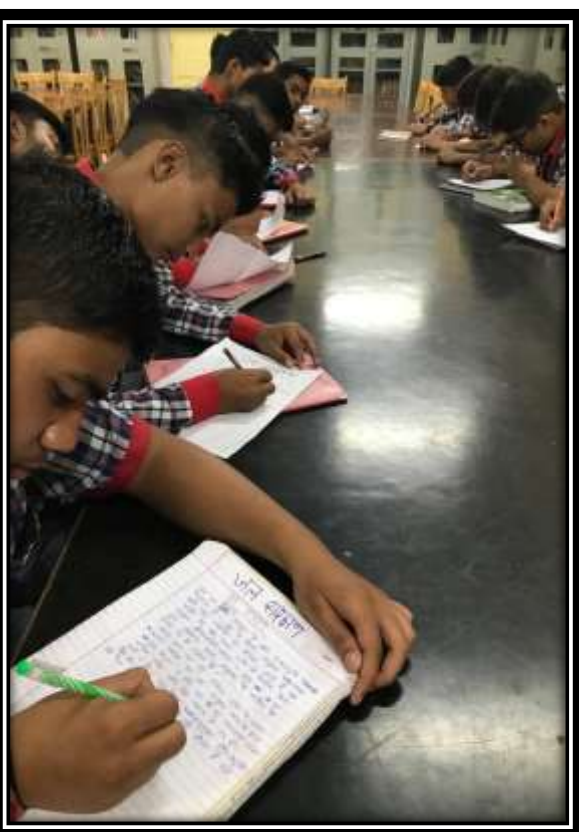
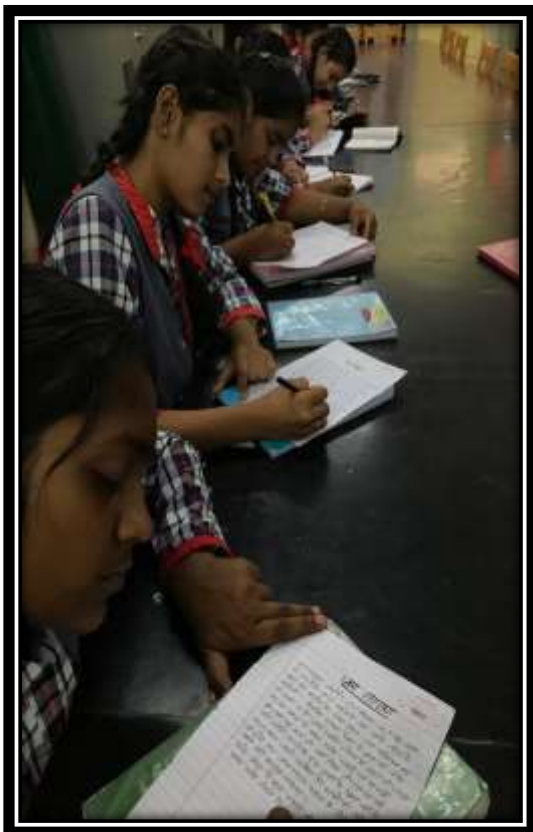












THANK YOU

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