

# **EVS PROJECT ON RAINWATER HARVESTING CALCUTTA UNIVERSITY**

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**What is the rainwater harvesting project in West Bengal?** The objective of the "Jal Dharo-Jal Bharo" programme is to harvest rain water in all kinds of water bodies viz, tanks, ponds, reservoirs, canals and underground artificial recharge through rooftop rain water harvesting.

**How do you explain the project of rainwater harvesting?** The process of rainwater harvesting involves the collection and the storage of rainwater with the help of artificially designed systems that run off naturally or man-made catchment areas like- the rooftop, compounds, rock surface, hill slopes, artificially repaired impervious or semi-pervious land surface.

**How is rainwater harvesting done in India?** The three major techniques of rainwater harvesting are as follows: Surface run-off harvesting: Water flows through a channelized way and can be used for future use. Groundwater recharge: A hydrologic process where water moves underground from surface to ground water.

**What are the methods of rainwater harvesting in Rajasthan class 10?** Taanka (small tank) is a traditional rainwater harvesting technique indigenous to the Thar desert region of Rajasthan (Bikaner). A Taanka is a cylindrical paved underground pit into which rainwater from rooftops, courtyards or artificially prepared catchments flows.

**How did people in West Bengal practice rainwater harvesting?** How did people in West Bengal practice water harvesting? Answer: In the flood plains of Bengal,

people developed inundation channels to irrigate their fields.

### **What are the 10 disadvantages of rainwater harvesting?**

**Who started rainwater harvesting in India?** In 2001, Tamil Nadu became the first Indian state to make rainwater harvesting compulsory in every building to avoid groundwater depletion. In Rajasthan, rainwater harvesting has traditionally been practiced by the people of the Thar Desert.

**Is rainwater safe to drink?** Rainwater can carry bacteria, parasites, viruses, and chemicals that could make you sick, and it has been linked to disease outbreaks. The risk of getting sick from rainwater may be different depending on your location, how frequently it rains, the season, and how you collect and store the rainwater.

**What is the conclusion of rainwater harvesting?** In conclusion, the implementation of rainwater harvesting systems in [Community] is an important step towards reducing the dependence on groundwater and other sources of water. The project activities, budget, and timelines have been carefully planned to ensure that the system is installed efficiently and effectively.

**Which state is famous for rainwater harvesting in India?** Tamil Nadu is the first and the only state in India which has made roof top rainwater harvesting structure compulsory to all the houses across the state. There are legal provisions to punish the defaulters. Q.

**Which city in India is doing rainwater harvesting?** Bengaluru's efforts. The city of Bengaluru had mandated rainwater harvesting in residential colonies since 2010. In 2021, the Bangalore Water Supply and Sewerage Board (BWSSB) passed an amendment bill making it mandatory for buildings on the sites measuring 60x40 feet and more.

**Which is the largest rainwater harvesting in India?** Among the three projects initiated by the council, 'Rainwater harvesting in rural Karnataka' funded by Rural Development and Panchayat Raj Department (RDPR), Government of Karnataka is probably the largest rainwater harvesting project in the world.

**What are the three traditional methods of rainwater harvesting in India?** ii  
Rooftop rainwater harvesting: Commonly practised to store drinking water in

Rajasthan. iii Inundation Channels: These channels developed in the floodplains of Bengal to irrigate fields. iv Khadins and Johads: In arid and semi-arid regions some agricultural fields were converted into rainfed storage structures.

**What is the modern method of rainwater harvesting?** In rooftop rainwater harvesting, rainwater is stored by collecting it into an underground tank or well. When rain falls on a roof, it is stored in a reservoir as shown in the given picture. The stored water can be used for various purposes like watering plants, etc.

**What are the three different rainwater harvesting system practiced in India?** The three different rainwater harvesting systems practised in India are Tankas, Guls and kuls and Khadins. 1) Tankas: In the dry regions of Rajasthan, like Bikaner, Phalodi, and Barmer, almost all the houses have installed tankas for storing rainwater. The tanks were built on the house's top or in the courtyard.

**What are the successful examples of rainwater harvesting in India?** Solapur district (Maharashtra) One instance where a RWH system has been successfully implemented is Green Land Society 2 at Vimannagar, Pune. Previously, the water table at Green Land Society 2 was at 250 feet depth but after the implementation of RWH system under the guidance of Col.

**Why is there any two developed rainwater harvesting system in India?** By collecting rainwater and lowering the flow of stormwater to minimize urban flooding, it lessens soil erosion and flood threats. Most structures with rainwater harvesting systems have an integrated catchment space on top of the roof that can hold huge amounts of water in the event of rainstorms.

**How did people used to harvest water in the floodplains of Bengal?** Inundation channels are channels meant to carry overflow of water from rivers and other water bodies to fields for irrigation. Such channels have been a traditional means of water harvesting in India.

**Why is rainwater no longer safe to drink?** They found that levels of at least two forms of PFAS in rainwater, PFOA and PFOS, “often greatly exceed” the safe levels in drinking water, as the U.S. Environmental Protection Agency (EPA) advises. Levels of the chemicals also exceed environmental protection agencies' standards in different parts of the world, too.

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## **How to make a rain water harvesting project?**

**What is the risk of rain water harvesting?** The presence and growth of *Legionella* spp., represents the highest health risk. Growth occurs between the temperatures of 25 - 45°C with likely sites being aquatic biofilms, which are likely to exist in rainwater harvesting systems.

## **Is Tamil Nadu the first state to make rainwater harvesting system mandatory?**

Option A) Tamil Nadu: To stop groundwater depletion, Tamil Nadu was the first state to make rainwater harvesting mandatory for all buildings. The project began in 2001 and has since been initiated in all of Tamil Nadu's rural areas.

**What is the role of Tamil Nadu rain water harvesting?** It involves collection and storage of rain water at surface or in sub-surface aquifer, before it is lost as surface run off. Rainwater harvesting helps manage storm water runoff to prevent erosion, flooding, and poor water quality in our lakes and streams. ...

**Is rainwater harvesting legal in India?** The implementation of the rainwater harvesting policy comes within the purview of the State Government/Urban Local Body / Urban Development Authority. As per Model Building Bye Laws- 2016, provision of rainwater harvesting is applicable to all residential plots above 100 sq. m.

**Why is collecting rainwater illegal in the USA?** The main reason some states restrict collection is that too much rainwater harvesting can disrupt the cycle of rainfall seeping back into the earth. It is recommended to check your state's laws regarding water use for further details.

**Which vitamin is found in rainwater?** Rain water contains Vitamin B12. Many microorganisms that occur naturally in nature produce Vitamin B12 and as rainwater falls through the air, these microorganisms get caught up inside it & produce Vitamin B12 as a metabolic by-product.

**Why is it illegal to collect rainwater in Canada?** The National Plumbing Code permits the collection of rainwater for non-potable uses such as toilet flushing and outdoor irrigation throughout Canada. The right to harvest and use rainwater is determined by the provincial government and municipal bylaws.

**What is the drinking water project in West Bengal?** ADB's West Bengal Drinking Water Sector Improvement Project (WBDWSIP) will provide safe and sustainable drinking water in the Bankura, North 24 Parganas and Purba Medinipur (East Medinipur) districts of West Bengal state.

**Which state is famous for rainwater harvesting in India?** Tamil Nadu is the first and the only state in India which has made roof top rainwater harvesting structure compulsory to all the houses across the state. There are legal provisions to punish the defaulters. Q.

**What is meant by rainwater harvesting?** Rainwater harvesting (RWH) is the collection and storage of rain, rather than allowing it to run off. Rainwater is collected from a roof-like surface and redirected to a tank, cistern, deep pit (well, shaft, or borehole), aquifer, or a reservoir with percolation, so that it seeps down and restores the ground water.

**How does a rainwater harvesting system work?** Rainwater harvesting systems capture rainwater by directing it from large surfaces (e.g. roofs) to an underground or over-ground holding tank. The harvested rainwater is filtered and then pumped directly to the appliances or to a header tank.

**Where does Kolkata get its water?** The water supply of Kolkata Metropolitan Area (KMA) is primarily been serviced by two sources i.e. surface water from the perennial river of Hooghly and ground water sources.

**What is Mayurakshi project in West Bengal?** Mayurakshi Reservoir Project was taken up for execution in 1951. This Project has been completed in all respects in the year 1985. The irrigation potential created through completion of this project comes to 2,50,860 ha.

**What is the name of the largest water resource project of India?** The Sardar Sarovar Project is one of the largest water resources project of India covering four major states - Maharashtra, Madhya Pradesh, Gujarat and Rajasthan. Dam's spillway discharging capacity (30.7 lakhs cusecs) would be third highest in the world.

**Which country is best in rain water harvesting?** One of the most innovative applications of rainwater harvesting in Japan is its use in agriculture. Many Japanese

farmers make the best use of rainwater harvesting to improve the quality of their crops and reduce their reliance on irrigation and other water sources.

**Who invented rainwater harvesting in India?** Rainwater harvesting was done by Chola kings as well. While Roman aqueducts are well-known, Roman cisterns were also commonly used and their construction expanded with the Empire. For example, in Pompeii, rooftop water storage was common before the construction of the aqueduct in the 1st century BC.

**Which is the largest rainwater harvesting in India?** Among the three projects initiated by the council, 'Rainwater harvesting in rural Karnataka' funded by Rural Development and Panchayat Raj Department (RDPR), Government of Karnataka is probably the largest rainwater harvesting project in the world.

**What are the disadvantages of rainwater harvesting?**

**What states is it illegal to collect rainwater?** In the majority of cases, the answer is no. Out of the lower 48 states in the US, only two, Colorado and Utah have restrictions in place when it comes to harvesting rainwater.

**Is rainwater safe to drink?** Rainwater can carry bacteria, parasites, viruses, and chemicals that could make you sick, and it has been linked to disease outbreaks. The risk of getting sick from rainwater may be different depending on your location, how frequently it rains, the season, and how you collect and store the rainwater.

**What is the best method of rainwater harvesting?** Step 1: In a slopped/tiled house the rainwater from the roof is collected through the gutter in the roof. Step 2: The collected water is filtered through a filter filled with pebbles in the bottom and coarse sand on the top. Step 3: The filtered water is collected either in a storage tank or existing sump.

**How much does it cost to install a rainwater harvesting system in India?** The Cost of Rainwater Harvesting Systems On average, a basic residential rainwater harvesting system in India can cost anywhere between ₹15,000 to ₹30,000. This cost includes the expenses for gutters, pipes, filters, storage tanks, and installation charges.

**How long does a rainwater harvesting system last?** Rainwater harvesting systems require regular operation and maintenance. Generally, the components of the system are made to last with regular upkeep, and manufacturers will often provide several years of warranty, anywhere from 15 to 30 years for storage tanks and pipework, and typically two to 10 years for pumps.

### **The Art of Walt Disney: From Mickey Mouse to the Magic Kingdoms (New Concise Edition)**

**Question: What is the premise of the book "The Art of Walt Disney"?**

**Answer:** This book showcases the evolution of Walt Disney's art throughout his career, from the creation of Mickey Mouse to the development of his iconic theme parks. It explores the artistic techniques and storytelling innovations that made Disney a global phenomenon.

**Question: What are the key themes addressed in the book?**

**Answer:** The book covers a wide range of topics, including:

- The early days of animation and the rise of Mickey Mouse
- Disney's revolutionary use of color, sound, and character design
- The development and impact of feature films such as "Snow White and the Seven Dwarfs"
- The creation of Disneyland and the evolution of the theme park experience

**Question: How is the book structured?**

**Answer:** The book is divided into chronological chapters, each focusing on a specific period in Disney's career. It features hundreds of illustrations, sketches, and concept art, providing a visual record of his artistic journey.

**Question: Who is the target audience for this book?**

**Answer:** The book is intended for anyone interested in the history of animation, entertainment, and the legacy of Walt Disney. It will particularly appeal to Disney fans, art enthusiasts, and students of animation and film.

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**Question: What is the overall significance of Walt Disney's art?**

**Answer:** Walt Disney's art has had a profound impact on popular culture, inspiring generations of artists and creating a global entertainment empire. His innovative approach to animation, character design, and storytelling has shaped the way we experience entertainment today, making him one of the most influential figures in the history of art.

**What happened to Michael Cleary?** Michael Cleary was found guilty of manslaughter and sentenced to twenty years of penal servitude; he spent fifteen years in prison. He was released from Maryborough (now Portlaoise) prison on 28 April 1910 and moved to the English city of Liverpool, from which he emigrated to Canada in July of the same year.

**How many children did Michael Cleary have?** He also published a book about maintaining faith in the modern world. After he released two albums of songs, he was nicknamed "The Singing Priest". After his death it was revealed that he had lived with Phyllis Hamilton and fathered two children with her, while she acted as his housekeeper.

**What happened to Michael Cleary in Canada?** Michael Cleary was sentenced to 15 years after which he emigrated to Canada.

**Where is Fr Michael Cleary buried?** He was buried at Mulhuddart cemetery in Dublin. He died without ever meeting his older son, Doug, and without ever publicly acknowledging Ross as his son. In the weeks following his death, the scandal of Fr Cleary's relationship with Phyllis became public.

**Who was Fr Michael Cleary?** Michael Cleary (1933–1993) was a controversial and prominent Irish Roman Catholic priest known for his dual role as a radio and TV personality who was curate at Bernadette Parish on Clogher Road, Crumlin in the early 1960s. Born in Dublin on November 23, 1933, he grew up in Blanchardstown, Co. Dublin.

**Do priests have housekeepers?** Traditionally, larger parishes could have multiple clergy living side by side, while smaller ones would at least have had a housekeeper to look after the parish priest.



**Where is Bridget Cleary buried?** To this day, the case continues to capture the imagination. As recently as 2017, popular Amazon Prime series 'Lore' featured an episode called 'Black Stocking' which was about the Bridget Cleary case. Bridget Cleary was buried in Cloneen cemetery.

**What is the meaning of the wife of Michael Cleary?** 'The Wife of Michael Cleary' is a work-in-progress piece of music theatre composed by Maz O'Connor. It is based on the true story of Bridget Cleary, a dressmaker from Tipperary who, in 1895, was burned to death by her husband and family because they believed her to be a fairy changeling.

**Are you a witch or are you a fairy or are you the wife?** Are you a witch or are you a fairy Or are you the wife of Michael Cleary? The name Michael Cleary has been immortalized in a child's nursery rhyme, occasionally heard in the playgrounds of Southern Tipperary, Ireland. The rhyme invokes fear of the gruesome fate of women in the past labelled as witches.

**What is the year end discount for Kawasaki?** Kawasaki India has announced end-of-the-year discounts across its motorcycle range. The Japanese motorcycle maker is offering a maximum discount of up to Rs 60,000 and the offers are available till December 31, 2023, and on limited stocks. Here's a look at the offers on each of the brand's motorcycles.

**How do I tell what year my Kawasaki four wheeler is?** What does a Kawasaki VIN number contain? Each of the 17 characters in a VIN code represents a particular piece of information. For instance, the 10th character shows the model year ("1" means 2001, "B" means 1981 or 2011, etc.). This is one of the simplest bits to reveal.

**Who builds Kawasaki ATVs?** KAWASAKI MOTORS MANUFACTURING CORP., U.S.A.

**What does Kawasaki sell?** Kawasaki Motorcycles, ATV, SxS, Jet Ski Personal Watercraft.

**What is the discount on Kawasaki Vulcan S?** 30,000 on its popular mid-size sport touring model, the Kawasaki Ninja 650. But it's the Kawasaki Vulcan S cruiser which

gets the maximum discount of Rs. 60,000.

**What credit score do you need to finance through Kawasaki?** Foothill Ranch, Calif. – Kawasaki Motors Corp., U.S.A. is pleased to announce a new financing agreement with Roadrunner Financial to offer competitive near-prime loans to Credit Builders with 550-660+ FICO scores.

**Where are Kawasaki ATVs made?** Established in 1974, Kawasaki Motors Manufacturing Corp., U.S.A. (KMM) is a subsidiary of Kawasaki Heavy Industries, LTD. KMM is located in the center of the United States in Lincoln, Nebraska.

**How to find out what year your ATV is?** The VIN (Vehicle Identification Number) is a serial number used to identify an individual vehicle. The VIN for each vehicle is unique. The 10th character in the 17-character VIN represents the vehicle model-year. This standard applies to Quad Bikes (All Terrain Vehicles) built in or after 1981.

**How do I decode my Kawasaki engine serial number?**

**Who is the largest ATV manufacturer in the world?** The largest quadricycles manufacturer in the World is the American Polaris., although sales are declining since 2020 record and in 2023 should have lost 4.2%. The second player is now Honda, which boomed in 2023 (+17.7%) overtaking Can-Am, now third with sales up 5.2%.

**Who makes Kawasaki ATV engines?** Motorcycle & Engine Company is the sole division of Kawasaki that provides products directly to general consumers. The company manufactures a broad range of products, including motorcycle, off-road four wheeler, watercraft "JET SKI®", and general-purpose gasoline engines; and supplies them to markets around the world.

**Who makes a better ATV?** Honda, a name synonymous with reliability and innovation, has maintained its reputation since the late 1960s. On the other hand, Polaris, a leader in global ATV sales, is famed for its broad range of ATV categories. Then we have Yamaha, a champion of recreational riding, with models like the YFZ 450R.

**What does Kawasaki stand for?** How did Kawasaki, Japan get it's name? Kawa (?) means river, and saki (?) means cape or promontory. So the name means

“promontory by the river”.

**What does ZX stand for in Kawasaki?** #4 · Jan 26, 2024. "The "ZX" in Kawasaki motorcycles is the engine code<sup>1</sup>. It is not an acronym for anything, despite some humorous claims to the contrary<sup>2</sup>. The "ZX" is part of the "Ninja" series of Kawasaki motorcycles.

**What is Kawasaki best known for?** Kawasaki has been a renowned name in the motorcycle industry for decades, consistently delivering high-quality, performance-oriented bikes that cater to a wide range of riders.

**What is the top speed of a Kawasaki Vulcan S?**

**Is Kawasaki Vulcan S heavy?** The bike feels lighter than its 498-pound claimed curb weight suggests.

**What is the horsepower of a Kawasaki Vulcan S?** In the case of the Vulcan S, the liquid-cooled parallel twin makes a claimed 61 hp at the crank, at 7,500 rpm.

**What is the minimum credit score for an ATV loan?** Qualifying for an ATV loan is much like qualifying for an auto loan or personal loan. Many lenders require a credit score of at least 640 before they'll offer the best rates. You still might qualify if your score is lower than that, but your APR may not be competitive.

**Does Kawasaki do monthly payments?** Installment loans that provide fixed rates and terms. Affordable monthly payments for all new and used Kawasaki products. Fast and easy application and contract process. Knowledgeable staff will help structure the right loan for your financing needs.

**What is the lowest credit score to get finance?** To qualify for a personal loan, borrowers generally need a minimum credit score of at least 580 — though certain lenders have even lower requirements than that. However, your chances of getting a low interest personal loan rate are much higher if you have a “very good” or “excellent” credit score of 740 and above.

**What is the end of month discount?** End of Month (EOM) Dating: The discount and credit periods start from the end of the month in which the invoice is issued. If the terms are “2/10 EOM,” it means the buyer has until the 10th day of the following

month to pay the invoice and receive a 2% discount.

**What is considered high mileage for a Kawasaki motorcycle?** 1. Know the numbers, but look beyond them. Generally, high mileage on a motorcycle is anywhere from 20,000 to 50,000 miles. For sport bikes, the high mileage number will be on the low end (usually around 25,000), while cruisers and touring bikes typically become high mileage in the 40,000- to the 50,000-mile range.

**What is the future of Kawasaki?** Kawasaki plans to approximately double the sales revenue of our four-wheel business segment by 2025 (vs. 2022) by releasing competitive new models to the off-road four-wheel market, where steady growth is expected to continue\*.

**What is the highest price in Kawasaki?** Most expensive Kawasaki bike is Ninja H2R, which is priced at Rs. 79,90,000.

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