



# ROYAL HARBINGER

Reporting fact of the Matter

Weekly

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## Rainwater harvesting the Urgent Need of the Hour

**Udaipur:** We should not feel much happy that our Jheels (lakes) are full but it does not mean the underground water level of the city & the periphery has increased, on the contrary it is falling down & down because the number of Discharge—Units (Tube wells) increasing day by day without any recharge system on them so the ultimate result is a constant fall of the underground water ultimately creating the Dark-Zones. Consumption of the water is on increase day by day & in the most modern houses are equipped with the water wasting systems rather than water harvesting system. So also our day to day habits to save water is not there then only the rainwater harvesting remains to save water. When we take discharge we take out water approximately from one-kilometer square feet area so when we recharge we recharge the same area.

**Urgent surely for water Map—** In every ward a survey be conducted as to how many houses are taking out water through the borewell, tube well etc they be identified be persuaded to install the recharge system & if they do not follow then legally. First KUI Reopened in India—This KUI a small well which was closed forty years back by

RCC slabs in a Dharmashala in Kankroli (Rajsamand) was reopened before five years under guidance of the than PHED Minister smt Kiran Maheswari under my supervision & recharged from the roof of the Dharmashala & is now full with water. This work was done by Vedanta Group of Udaipur.

**Recharge hand Pumps -** Dr. P.C.jain says I have recharged 18 handpumps under my supervision & they are giving good discharge which was shown in the presentations in collectors office on which the than collectors instructed the authorities to do the same but to my knowledge, none of any hand pump is yet to be recharged. The first-hand Pump recharged Hand Pump outside of the Sisarma Government School was first to be recharged before five years with the help of Rotary heritage Of Udaipur.

**Save heritage water sources**—many bawadies, wells which were giving a lot of water & were the only source of water at that time are now turned into Dust-Bin & dying their gradual death. They need to be renovated & recharged so that they become a good source of underground water & their water can be utilized. 200 year well Renovated—By 2008 this well of B.Ed college of Vidhyapeeth was a dustbin but then by my

persuasion they got it cleaned & the college building roofs outlets were connected to this well through the filter in the one-year rain the well got filled thus a 200-year-old defunct well got renovated.

**Rana Pratap Railway station** -recharged I have seen water in this well in my childhood so was a thought in my mind to get it renovated. with the permission of railway authorities & with the help of Bharat Vikash Parishad "Subhash" we recharged it from the roof of railway station & now the water is there at only 50 feet.

the growth. Arsenic leads to skin lesions & cancers. Pesticides for cancers. To reduce them the only solution is rainwater harvesting.

**T.D.S.-** Total Dissolved Solids. This is measured by simple TDS meter available in Rs300-800. but very useful for measuring the water quality which we are drinking. The ideal TDS be 250 – 350.

**What Hinders natural Recharge -**

1. Wall to wall road in street is preventing the natural recharge of the underground water & probably after few years we will

brought near the water source which usually is a Tube-well, well, Hand Pump or a KUI & joined to a simple tubular sand filter ( Dewas water Filter) before passing through the first & second rain is drained out through the Drain valve so that all the dirt & dust roof is passed out through this Drain valve. Now the clean rooftop rainwater is passed through the filter which is then connected to the Casing of the Tube well, hand Pump etc. It is as simple as giving glucose into the vein of the body so that glucose directly enters the blood, so the



### Much talks –Little Action

**List of defunct water sources submitted** – a list of 52 such defunct water sources which need s immediate attention has been submitted to the state government immediate necessary action out of which action has begun in four wells of Amet. All others also need immediate attention before coming rainfall.

Water Borne diseases on increase –As the fall in underground water level so is there increase in chemical s which harms our body. Like Fluoride affecting bones, teeth & Ligaments. Throid diseases, Lead raising the B.P. & retards

have to reopen this to get the rain percolate naturally into the soil when our hand pumps & tube wells will go dry

2. Cement concrete on foot-path has also prevented the natural recharge of the underground water. I have seen in the USA that foot have a small strip to walk rest has grass through which natural rainwater percolate into soil .can we follow them.

**What is the Roof Top rain water harvesting System-** First the rainwater which falls on our roof is collected through various outlets (nalde) into one collecting pipe then this is

rainwater directly mixes into the underground water thus improving the quality & quantity of the water.

**Cost** – It is very simple, cheap (Rs 8000-10000 approx.) free from maintains. Make it a mass movement this year –local self-bodies like panchayat, Nagar Palika, Nagar Nigam should begin the survey immediately & persuade the public. All government buildings should install this system before this rain fall.

**Nagar Nigam gives subsidy-** This year it is a matter of plea-

sure that Nagar Nigam under the chairmanship of Chandra Singh Kothari has announced motivation subsidy for those who get this system installed. Most important all M.P.M.L.A. Parshad, members should first install the system & set & show the public the example for the roof top rain water harvesting to improve the falling underground water. otherwise the days are not far from when every body will suffer from water crisis. Would we not like to get water insurance (Paani Beema) for our children.

**About writer –** Dr P.C.jain is a M.B.B.S. Medical Practitioner since last 45 yrs. Now actively involved in Awareness of Save –water & De-Addiction. Also Dalmiya Paani parvayaran award, by Dalmiya Trust .many other awards given by many agencies. He has installed more



than 1200 such rain water harvesting installations & treated more than 6000 such cases of alcohol & drugs.



Happy Birthday to Aui

#### A Book : Pregnancy Care Released

**Udaipur:** Sushmita Sen, Miss Universe, had released a book on Pregnancy Care, written by Dr. Sweetie Chabra on the precautions to be kept during pregnancy, social worker & the founder of the NICC at the Hotel Radisson Blue.

Smt. Dr. Chabra said that

in the book during pregnancy, what kind of precautions a woman has to take so that both the mother and the baby live safe after delivery. Sushmita Sen lauded the book and said that this book will prove to be a milestone for pregnant women.

#### Should we be happy with whatever we do: JP Agarwal'



**Udaipur:** At the Gitanjali Institute of Technical Studies, chairman JP Agrawal gave motivational speech to MBA students on 'Life of an Entropyrine' in Udaipur, at Gitanjali Institute of Technical Studies, Dabok. In a one-day workshop, He advised the students "to choose a career and to succeed", we should be happy with whatever work assigned do, only then we will be able to enjoy life right. Instead of worrying about the future, we should live with the same enthusiasm, and with that we can achieve our goal.

MBA Director Prof. Dr PK Jain welcomed Mr. Agrawal and said that this workshop is giving the MBA's talented and curious students a roadmap of success in the coming time. He also said that it is a matter of great opportunity and pride that the students of GITs got the skills, efficiency and professionalism learned from the real life experiences of Mr. Agarwal.

#### Honouring Forties JK



अब अच्छे इलाज के लिये अहमदाबाद नहीं जाना पड़ेगा

## आपका अपना

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