

## **6.5**

# **Water in the Community**

### **6.5.2 Promoting Conscious Water Usage**

**MRIIRS Weblink to SDG 6:**

**<https://mriirs.edu.in/sdg06-clean-water-and-sanitation/>**

### **Promoting Conscious Water Usage on Campus and in the Wider Community**

To promote the conscious water use MRIIRS established MRCAWTM in April 2017 with the vision 'clean water for all forever". MRCAWTM organized Eco consult meet and other orientation programmes inhouse, and for wider community several sessions on water literacy in campus and for civil society using Manav Rachna FM Radio, organizing meetings, workshop/ seminar/ painting competitions, campus visit etc. Booklets and portable water analysis kits were distributed to promote conscious uses of water. MRIIRS offers courses in the curriculum covering the aspects of sustainable water management. The MRCAWTM promotes the conscious water use through its various activities as appended.

As evidence in support to 6.5.2 **details of activities conducted including distribution of water analysis kits** to promote conscious water usage on campus and in the wider community along with the photographs, awareness through posters on Water Conservation, **booklet as compiled and distributed on 'Eco and Water Facts'** are available. All the data are available in public domain through web site of MRIIRS.

- ✓ [Link to Booklet on 'Eco and Water Facts' compiled by Professors of MRIIRS](#)

### **Details of the activities conducted for Conscious Water Usage on Campus and in the Wider Community to learn about good water management:**

Manav Rachna Centre for Advance Water Technology and Management (MRCAWTM) established in 2017 with one of its Mission Statement as 'Education and Outreach' for water management as stated below, is frequently organizing various awareness programs on Campus and for wider community under its banner 'Water Literacy Campaign'. Under this banner, various events like small group discussions, mass awareness programs, talk show, Manav Rachna/FM Radio events, lectures, talent hunt, delivering invited talk, field visits etc organized apart from organizing national and local conferences and webinars are specially done.

#### **Mission Statement-1 of MRCAWTM: Education and outreach**

- i. Capacity building for stake holders for comprehensive and sustainable water resources management for nation building.
- ii. Formulation of interdisciplinary curriculum and course on water for various level and purposes.
- iii. Run conventional and web based short, medium and long courses.
- iv. Awareness creation through collaboration with Government, civil society and industries.
- v. Creating popular documents for social awareness.

MRCAWTM, a Centre of Excellence is catering to the research and development in all spheres of water resources, assessment, monitoring, development and management and related societal and environmental issues. The Centre is to incubate and disseminate best practices to conserve water and reuse waste water.

#### **A. Accreditation and Awards to MRCAWTM for its remarkable efforts on Water Management Awareness and Research**

- MRCAWTM got accredited by Central Ground Water Authority (CGWA), Government of India on 1<sup>st</sup> Oct 2021 for next 5yrs.

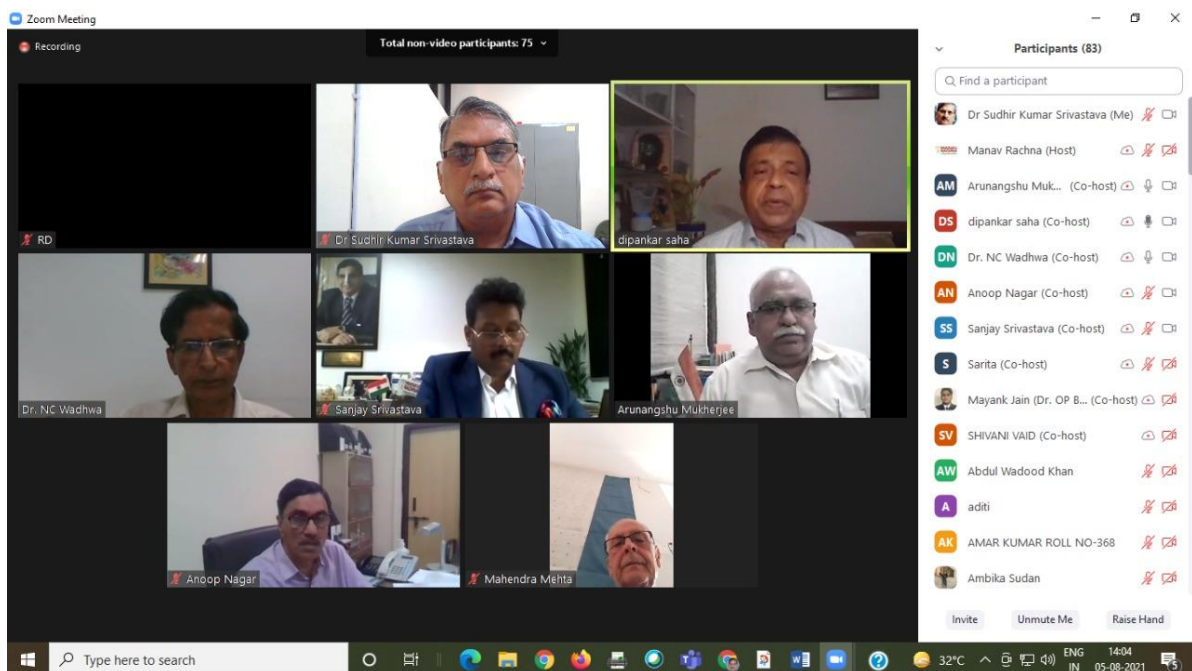
<https://mriirs.edu.in/latest/cawtm-mriirs-accredited-to-investigate-prepare-reports-to-obtain-no-objection-certificate-from-cgwa-goi/>

- **Aqua Foundation Excellence Award to MRCAWTM:**  
<https://mriirs.edu.in/latest/manav-rachnas-centre-for-advanced-water-technology-management-bestowed-with-the-prestigious-aqua-excellence-award/>

**The Centre for Advanced Water Technology & Management** at Manav Rachna International Institute of Research and Studies (MRIIRS) has been bestowed with the prestigious 'Aqua Excellence Award' under the category of '**Excellence in Resource Management – Institutional Sector**' at the **XI World Aqua Congress** organised at India Habitat Centre, New Delhi on the theme "Water and Environment Solutions: Cutting Across Borders" for its **remarkable efforts on Water Management Awareness and Research.**

### B. Awareness Programmes

- A **webinar on 'Water Treatment and Sanitation'** was organized by MRIIRS during August 2021. Water research experts from all over India connected together through the webinar to discuss the recent innovations in the field of water treatment and sanitation for effective water re-usage.



Webinar on 'Water Treatment and Sanitation'

- **One Month Awareness Programs on Water Conservation and Management**

Clan Water Shark has organised three events under One Month Awareness Programs on Water Conservation and Management from 1.10.2021 to 31.10.2021.

<https://mriirs.edu.in/latest/cawtm-mriirs-accredited-to-investigate-prepare-reports-to-obtain-no-objection-certificate-from-cgwa-goi-2/>



### ***1. Expert Talk on Rain Water Harvesting on 1.10.2021***

The session was attended by the students of different departments of different faculties of Manav Rachna International Institute of Research and Studies.

The resource person Dr. Shobha Srivastava made the session very interactive from starting and made students introspect within their own self and understand the importance water conservation and water management. She made students realize that **water is the Driving Force of All Nature** and it is related and directly connected to our lives. Students thoroughly enjoyed the session and participated with full zeal and enthusiasm.

### ***2. Short Film Making Competition on 15.10.2021***

A Short Film Making Competition on the topic "Water Conservation and Management" was also organized in association with Dr. O. P Bhalla Foundation and Media partner Radio Manav Rachna 107.8 FM on 15 October 2021, results of which were declared on 31 October, 2021.

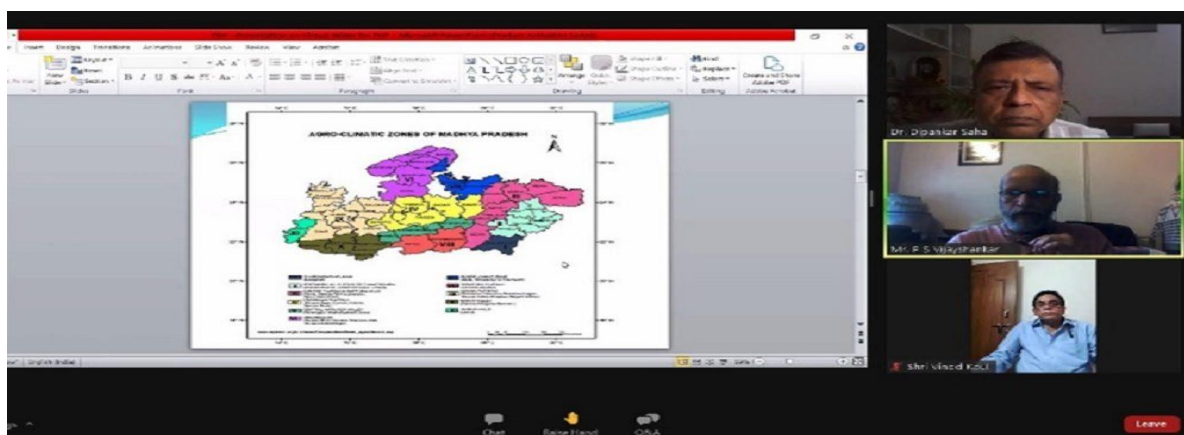
The Short Film Making Competition was organized with an intention to celebrate the presence of the beautiful resource known as Water which makes Life possible on the Planet. The existence of Water seems almost like a mystery yet we use it every day. It helps in nurturing life but since past few decades, many challenges have been arising in concern to a precious and scarce resources. Keeping the value and concerns related to Water the competition was organized to let the creativity of students show up in depicting the various thoughts related to Water.

### **3. Pledge Ceremony on 31 October**

Clan Water Shark has also organized a pledge taking ceremony for all the students in which they all read a pledge to safeguard and respect our environment and the most important component "Water".

- **International Webinar on 'Virtual Water: The Issues and Policy Implications in India':** A webinar on Virtual Water was organized by CAWTM, MRIIRS. The event was supported by the Swiss Agency for Development and Cooperation and Helvetas Swiss Inter-cooperation. Virtual Water is defined as the water that is embedded in commodities. The volume of water that is needed to produce some unit agricultural or industrial product is termed as virtual water. Transboundary transfer of virtual water is a global issue and hotly debated now. The issue of virtual water is an important point of discussion in India as it is diabolically related to groundwater overexploitation. The above points were discussed in detail during the Webinar.

<https://mriirs.edu.in/latest/international-webinar-on-virtual-water-the-issues-and-policy-implications-in-india/>



- **World Water Day** was celebrated during the month of March 2022 with the theme of “**Smart Cities and Water Sector**”. MRIIRS also marked its presence in the National Seminar on ‘Groundwater-Invisible Resources and Visible Impacts’ organized on March 22, 2022.



National Seminar on ‘Groundwater-Invisible Resources and Visible Impacts’ organized on March 22, 2022

- **Five Day long ECO Consult meet** was organized by CAWTM, Manav Rachna on Awareness of Water Conservation and Need of Rain Water Harvesting.



Eco consult meet was organized by Centre for Advanced Water Technology and Management, MRIIRS and witnessed more than 50 participants. The resource persons urged the audiences to spread awareness about the importance of water and need of rain water harvesting for the optimum utilization of natural resources available to the mankind. The need to conserve water today, so that the future generations can have access to clean drinking water was also emphasized.

<https://m.facebook.com/MRIIRSUniversityFaridabad/posts/2538552009490992/>

- **Manav Rachna's Pledge to Save Water on World's Water Day:**

Manav Rachna Educational Institutions have taken a pledge to save water and work for the revival of dried-up lakes and water bodies while also actively participating in the methods to save groundwater resources. The Centre for Advanced Water Technology & Management (CAWTM) at Manav Rachna Educational Institutions has been recognized on several occasions for its commitment to promote awareness, and trigger action on critical water issues and to facilitate the efficient conservation, protection, development, planning, management and use of water.

<https://sv-se.facebook.com/MRIIRSUniversityFaridabad/posts/manav-rachna-educational-institutions-have-taken-a-pledge-to-save-water-and-work/4266287146717461/>



**Manav Rachna's Pledge to Save Water**

**WE TAKE ACTIONS FOR WHAT WE BELIEVE IN**

- ✓ Dedicated Centre for Advanced Water Technology & Management
- ✓ Revival of Badhkal Lake
- ✓ Faridabad Urban Wash Project
- ✓ Investigation for Rainwater Harvesting
- ✓ In-Situ De-Salination using ISP System Installation in Saline Aquifer
- ✓ Honoring and Welcoming Waterman of India at Manav Rachna campus

Let us pledge to save water this *World Water Day*





The Centre has been actively participating in launching various projects educating the students about water literacy, water quality improvement, sanitation, hygiene conditions through the intervention of technology, and the eco-health improvement by demand side and supply side water management.

- **One day visit of Civil Engineering Students was organized to Central Ground water Board, Faridabad to understand the working of Rain water harvesting structures and its efficiency:**

<https://manavrachna.edu.in/latest/one-day-visit-to-central-ground-water-board-cgwb-faridabad/>



Department of Civil Engineering, Faculty of Engineering and Technology, Manav Rachna International Institute of Research and Studies (MRIIRS), Faridabad along with Department of Earth Sciences and Environment organized a one day visit to Central Ground water Board, Faridabad.

There were two sessions during the visit. In the first session the students were given a detailed insight about **water conservation**, its need and the method of implementation by Mr. M.K. Garg Scientist-D of CGWB. He also discussed about the CGWB projects in detail. In the second session students were apprised about **Rain water harvesting structures and demonstrated its working** and its efficiency. Students got the opportunity to interact with scientists working at CGWB and explored the role of civil engineering in the field.

- **E-workshop organized on 'Co-solving waterlogging and groundwater depletion issue in parts of Faridabad Smart City'**

Center for Advanced Water Technology and Management, MRIIRS recently organized an e-workshop on 'Co- solving waterlogging and groundwater depletion issue in parts of Faridabad Smart City' to initiate the DST WTI funded Research Project on this issue.

Waterlogging and groundwater depletion, both are serious issues in most of the urban areas in India. Large areas of the State of Haryana including the urban areas are struggling with serious groundwater depletion, whereas on the other hand during monsoon water logging due to drainage congestion and choking are also commonly noticed.

<https://manavrachna.edu.in/latest/e-workshop-organized-on-co-solving-waterlogging-and-groundwater-depletion-issue-in-parts-of-faridabad-smart-city/>



**Centre for Advanced Water Technology and Management (CAWTM), MRIIRS**

**Presents E Workshop on**

**Co-Solving Water Logging and Groundwater Depletion Issues**

**August 5, 2021  
2:00 PM – 4:30 PM**



## **E-Workshop on Co-Solving Water logging and groundwater depletion issues**

**Thursday August 05, 2021 2.00PM-4.30 PM IST.**

**Register Here: <https://forms.gle/8rmdK6nwhn3gEnjg9>**

Water logging and groundwater depletion, both are the serious issues in most of the urban areas in India. Large areas of the State of Haryana including the urban areas are struggling with serious ground water overexploitation, whereas on the other hand during monsoon water logging due to drainage congestion and chocking is commonly noticed, Can we make use of this water in the urban areas for recharging aquifers and rejuvenating declining water levels?

The question is more pertinent in the different part of NCR.

Centre for Advanced Water Technology & Management (CAWTM) at Manav Rachna International Institute of Research and Studies, Faridabad has initiated a DST sponsored project on Co-solving water logging and groundwater depletion in parts of Faridabad Smart City.

Some of the leading experts from India and abroad to take part in a discussion on the issue and deliberate on some case studies. Also looking forward to your valuable participation to enrich the deliberation.

### **KEY SPEAKERS**

**Dr Alok Sikka**

*Country Head, IWMI*

**Dr Peter Dillon**

*CSIRO & Flinders Univ,  
Australia*

**Sh Anup Nagar**

*Member CGWB*

**Dr Sanjay Kumar**

*Sc D DST*

**Sh Lalit Arora**

*Advisor, T & P FSCL*

### **OTHER SPEAKERS**

**Dr Amit Bhalla**

*Vice President, MREI*

**Dr Sanjay Srivastava**

*VC MRIRS*

**Dr Dipankar Saha**

*Chair Professor, MRCAWTM*

**Dr. Sarita Sachdeva**

*ED and Dean Research MRIRS*

**Dr A Mukherjee**

*Director MRCAWTM & PI Project*

### **Target Audience**

Professionals, academicians, policymakers, civil societies, researchers, students, and citizens concerned over water issues are encouraged to attend.

### **Instructions to Register**

Registration is Free but Mandatory & Language: English | Platform: Zoom

Last Date to Register: August 4, 2021

Link of joining will be shared with the registered participants



- **Webinar on Rain Water Harvesting:** MRIIRS in collaboration with its ISR arm Dr. O. P. Bhalla Foundation conducted a webinar to discuss the technical details and spread awareness on the need of Artificial Recharge and Roof Top Rain Water Harvesting.



The poster features the Dr. O P Bhalla Foundation logo at the top left. The main title is 'WEBINAR ON Rain Water Harvesting: Artificial Recharge & Roof Top Rainwater Harvesting'. Below the title, it lists 'Distinguished Speakers' with two portraits: Dr. Ranjan Kumar Ray and Ar. Jatinder Saigal. Dr. Ray's bio includes M.Tech and PhD from IIT, ISM, Dhanbad, and his role as a scientist at the Central Ground Water Board (CGWB). Ar. Saigal's bio includes being a practicing architect, a member of the Council of Architecture Northern Region, and founder dean of MRIIRS.

[https://m.facebook.com/MRIIRSUniversityFaridabad/posts/3546606458685537/?locale=ne\\_NP&\\_rdr](https://m.facebook.com/MRIIRSUniversityFaridabad/posts/3546606458685537/?locale=ne_NP&_rdr)

- **Symposium on Water Issues, Research and Solutions:**

A Symposium on Water: Issues, Research & Solutions was organized at the Manav Rachna International Institute of Research and Studies (MRIIRS) to develop collaboration between MRIIRS and the University of the West of England (UWE), Bristol on Water Pollution Issues. Several eminent water and environment experts from various Universities, NGOs, Corporate Sector and the Central Ground Water Board (CGWB) lent their expertise to the Symposium.

The experts shared their work during six plenary sessions:

## SDG 6- CLEAN WATER AND SANITATION



- Regeneration of catchments- Watershed Management: New & Traditional Practices
- Technical Interventions for Waste water & Saline Ground Water Management
- Possibilities of Capacity building & Training in Water
- Urban Water, Sanitation & Hygiene
- Role of NGOs in water security/water body restoration
- Importance of R&D in water security.

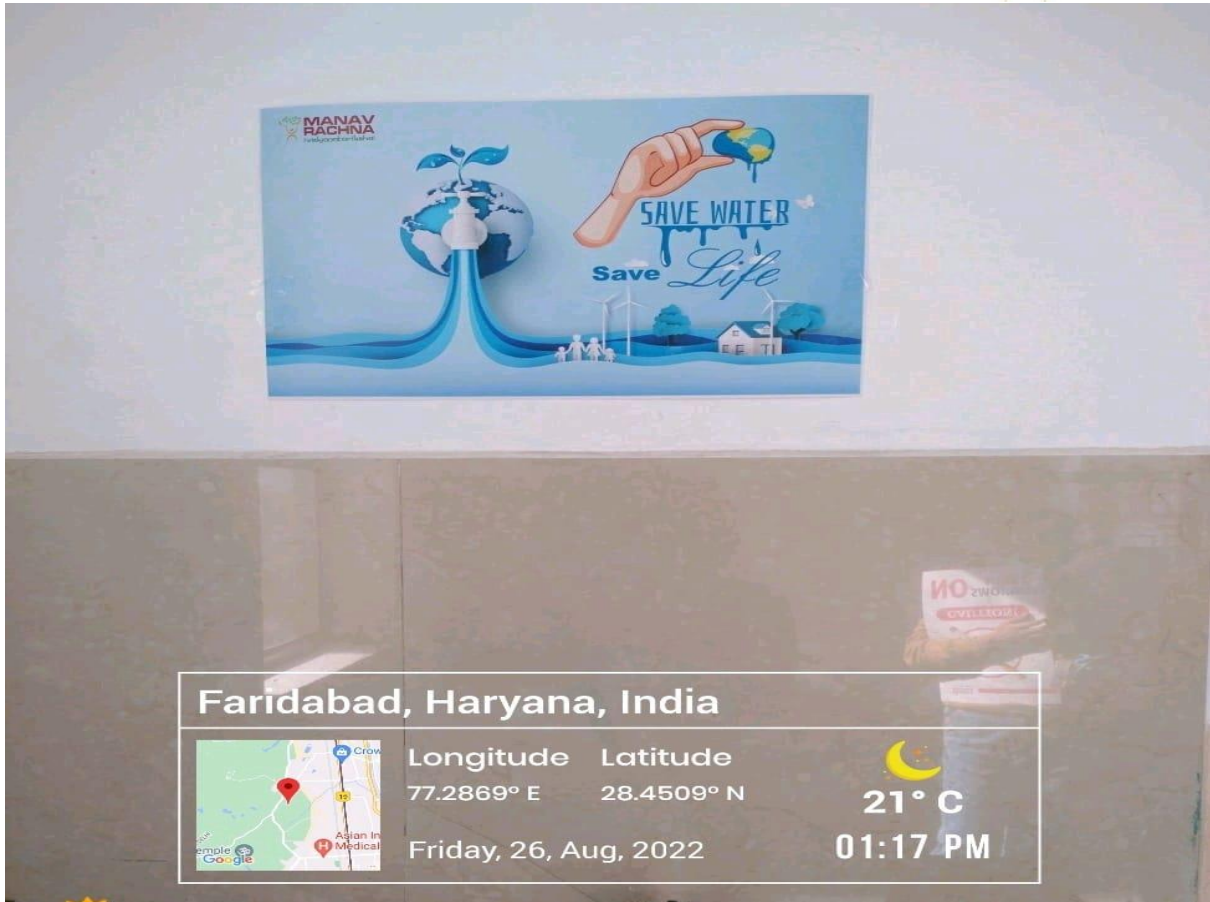
This symposium was in line of India UK scientific collaboration proposed in various international forums by India and UK and will take forward strategic partnership, connection and networking in achieving specified outcome in the water and environmental sector.

<https://highereducationplus.com/manav-rachna-collaborates-with-university-of-west-of-england-on-water-pollution-issues/>

### • Spreading Awareness on Water Conservation through Banners/Posters:

Regular Awareness on Water Conservation is spread through posters, hosting rallies across the campus, sensitizing students, employees, workers, gardeners in the University Campus.





- **Radio Manav Rachna: Awareness on Water Conservation and Clean Water** during Nov 2022: [https://www.youtube.com/watch?v=N1dMJLqLw\\_I](https://www.youtube.com/watch?v=N1dMJLqLw_I)
- **Radio Manav Rachna** records the bites of Mr. Promod Jain (Nodal Officer Atal Bhujal Yojna of Government of India for Water Conservation, Haryana) to **promote the Water Conservation projects** among the common people.



## SDG 6- CLEAN WATER AND SANITATION



- A consultation workshop on WASH (Water, Sanitation and Hygiene) forum was held at MRIIRS. It was jointly organized by the WASH Innovation Lab at MRIIRS, Municipal Corporation of Faridabad and National Institute of Urban Affairs.

[https://twitter.com/manav\\_rachna/status/1115560171005251585](https://twitter.com/manav_rachna/status/1115560171005251585)



- Participation at WASH Innovation Summit: Dr. Sarita Sachdeva, Dean Research, MRIIRS presenting her thoughts on Catalyzing Innovative WASH solutions through Partnerships

<https://insights.eletsonline.com/2018/11/catalyzing-innovative-wash-solutions-through-partnerships/>



**MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES, FARIDABAD**

## SDG 6- CLEAN WATER AND SANITATION

### Dr. Sarita Sachdeva, Professor, Manav Rachna International Institute for Research and Studies, Faridabad

Dr. Sarita Sachdeva began with a brief overview of the WASH challenges of Faridabad, such as unavailability of safe drinking water and sanitation facilities. Although Faridabad is in close proximity to the national capital; the WASH standards of the city are below average causing worry to the citizens. She appreciated the partnership concept of the WASH Lab; an initiative implemented under the IHUWASH project and mentioned the need of more such initiatives in the city. She highlighted that one of the important aspects of the WASH Lab is capacity building programs and assessment workshops, which enables a system of getting feedback from the stakeholders. WASH Forums created under the WASH Lab will also facilitate a multi-stakeholder platform; where issues and challenges of residents, industries and other stakeholders in the city will be addressed. She mentioned that the capacity building programs of the WASH Lab will help many enthusiastic city engineers to avail training on addressing issues in WASH Sector.



Dr. Sarita Sachdeva

### FARIDABAD

With the support of Municipal Corporation Faridabad (MCF) and WASH Lab at Manav Rachna International Institute of Research & Studies (MRIIRS) an awareness program was organized at Govt. Girls Senior Secondary School, No.5, NIT Faridabad. The theme for competitions was 'Clean Hands - A recipe for Good health'.

Sensitized:

- 350 students along with 10 school teachers and 4 municipal officials.
- 126 participated in various competitions.



Participants of Global Handwashing Day at Government Girls Senior Secondary School, No.5, NIT Faridabad



Drawings prepared by the participants of the Competition



- **Capacity Building Programme for Municipal Corporation officials by WASH Lab under IHUWASH Project**

<https://egov.eletsonline.com/2018/12/capacity-building-programme-for-municipal-corporation-officials-by-wash-lab-under-ihuwash-project/>

The objective of the workshop was to map and assess WASH issues that are prevailing in the city which need to be addressed. There was also requirement to facilitate the ongoing processes and activities of Municipal Corporation of Faridabad (MCF) towards effectively improve urban WASH situation in Faridabad. This interactive workshop was attended by 43 representatives from various stakeholders' agencies and key players including RWA, industries, NGOs, academia, State and Central Government organisations, private agencies and all the three partners NIUA, MCF and MRIIRS. The event was convened by WASH Chair Dr DK Chadha.



- **Workshop on Smart Cities and Water Sector on World Water Day by Manav Rachna:**

During the workshop, extensive discussions were conducted in areas such as Rainwater harvesting, sewerage waste management, stopping of illegal encroachments, rehabilitation of slum dwellers, water harvesting as a source of clean drinking water, levying of fines for clean water wastage, sewerage treatment and decentralization for gardening and car washing.

[https://www.dsij.in/newsdetails/filename/newsvoir\\_press\\_release\\_6431](https://www.dsij.in/newsdetails/filename/newsvoir_press_release_6431)

<https://www.newsvoir.com/release/to-observe-world-water-day-a-workshop-on-smart-cities-and-water-sector-was-organized-at-manav-rachna-international-university-6431.html>



In addition to these, following National Workshops and Conferences were organized to spread the awareness on Water Conservation:

- National Conference on "Groundwater Sustainability" 28<sup>th</sup> March 2019 jointly with Indian Committee of International Association of Hydrogeologist (INC-IAH)
- National Conference on Water Technological Innovation & Solution" 23<sup>rd</sup> March 2018 jointly with CGWB, GOI and Indian Committee of International Association of Hydrogeologist (INC-IAH)

- National Workshop on “Role of Groundwater in Smart Cities and Villages” 17<sup>th</sup> Dec 2016 jointly with Indian Committee of International Association of Hydrogeologist (INC-IAH).
- National Workshop on “Water Conservation and Pollution” 19<sup>th</sup> Dec, 2015 jointly with Indian Committee of International Association of Hydrogeologist
- **Water Literacy Campaign with theme on ‘Importance of Clean Water’** was organized for the residents of adopted villages Mohna, Nariyala, Panhera Khurd, Maujpur and Heerapur during January 2022.
- **Water Literacy Campaign through Raahgiri event with theme on ‘Water Conservation’** was organized in collaboration with Faridabad Administration and Faridabad Police: A stall on ‘Water Literacy Campaign’ arranged by Center for Advance Water Technology & Management under Jal Shakti Abhiyan attracted audience from diverse group. Dr. A Mukherjee, Professor from CAWTM, MRIIRS propagated the concept of water conservation through standees and display materials and discussed the importance of clean drinking water. They also demonstrated the functioning of Automatic Ground Water Level Recorder. Pamphlets on various water issues were distributed on the occasion.



Water Literacy Campaign organized during January 2022



Water Literacy Campaign through Raahgiri event with theme on 'Water Conservation'

- **World Environment Day** was celebrated during the month of June with the theme of "**Water Environment Safety Initiative**"
- Workshop on "Technological Intervention and Management of Saline and Polluted Aquifer" during the month of June.
- Under Swachha Bharat Mission student **sensitization programme** was conducted in the campus of Govt Girls H S School **Mohna village (Ballabhgarh, Haryana, India)** and MRIIRS on "**Water & Hygiene**" during the month of August.
- A series of **Student sensitization programmes** were conducted during the month of January in the **Govt Girls Higher Secondary School Diggal village (Jajjhar, Haryana, India)** with the theme "**Water & Hygiene**".

## SDG 6- CLEAN WATER AND SANITATION



### Out reach Program



Presence of CAWTM, MRIIRS at various outreach platforms

- **Community literacy campaign on Water conservation** was conducted by **Manav Rachna CAWTM** in **Swamika Village at Palwal, Haryana India** during July 2022 to educate people about the wise use of water for all purposes.



## SDG 6- CLEAN WATER AND SANITATION



- A campaign on '**Water Reuse and Sanitation**' was organized for the Government School Students of Village Buraka at Palwal, Haryana, India by CAWTM, **Manav Rachna under Atal Bhujal Yojna of Government of India**. At the end, students also took a pledge to spread awareness on wise water usage among the residents of their village.



- **Manav Rachna CAWTM** conducted a community talk to sensitize the residents of Khoh Village, Manesar, Haryana, India about the **Water Conservation** under Atal Bhujal Yojna of Government of India.



- Sensitization Programme on **Efficient usage of Ground Water Resources and Water Sanitation Hygiene** was conducted for the Government School Students of village of Panhera Khurd, Haryana, Faridabad under Wash Innovation Project of **Manav Rachna CAWTM**.



- A painting competition on the theme of **Save Water** was organized for the Government School students by **MRIIRS** under **Atal Bhujal Yojna** of **Government of India**.



## SDG 6- CLEAN WATER AND SANITATION



- Dedicated to improve the quality of life through inclusive growth and development in education, Manav Rachna, under the aegis of Dr. O.P. Bhalla Foundation has adopted villages. **Freshers of Manav Rachna International Institute of Research and Studies** were divided into four clans (Air Falcon, Wild Cats, Water Sharks & Forest Rhinos) and visited four villages: Mohna, Heerapur, Panhera Khurd and Nariyala. The visit was aimed to instil life skills among students. Plantation was done in these villages in collaboration with Horticulture Wing of the University. Plantation sites included outer boundaries of village ponds as well as Government School.

A meeting of students was arranged with Village Sarpanch / Panchayat functionaries for a small interactive session in each village to apprise them regarding water conservation measures including rainwater harvesting and preventing runoff during rainy season. Students took part in sanitation drive and sensitized village people to ensure an open defecation free village. Merchandise like key chains, mugs, crayons and sketch pens were distributed to the school students after various activities. School Students participated enthusiastically in all the activities.

<http://dropbhallaoundation.org/events/day-green-and-clean-of-college-diaries/>



**MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEACH AND STUDIES, FARIDABAD**



## SDG 6- CLEAN WATER AND SANITATION



- Visit of **MRIIRS- Water Sharks CLAN students** in association with Department of Civil Engineering to the schools of adopted villages to spread awareness on water conservation and quality challenges:  
<https://manavrachna.edu.in/latest/mriirs-turns-nodal-centre-for-ict-based-short-term-course-on-water-resource-management-2-2-2-2/>



- Rural Water Level Protection Plan and Water Literacy:  
<https://manavrachna.edu.in/latest/rural-level-water-protection-plan-and-water-literacy/>



**A series of programs under Rural Level Water Protection Plan & Water Literacy** are being organized jointly by Central Ground Water Board (CGWB), Chandigarh and **Manav Rachna Centre for Advance Water Technology & Management (CAWTM)**, MRIIRS, funded by Ministry of Jal Shakti, Government of India. Two final deliberations on water literacy and conservation were exercised in Khoh following the earlier programs organized at Mohna and KV 3 Faridabad.

A total of 50 students of Government Multipurpose High School, Khoh, Manesar of Gurugram district were addressed under the mentioned program. Students actively participated in the informative quiz competition based on water literacy and water resources of India.

Under the same scheme, another program was organized for the residents of Khoh Village. 35 residents assembled at Krishna Dharamshala, Khoh. There, the Water Management Plan prepared during investigation in village Khoh for Water Security and Rain Water Harvesting under project funded by Maruti Suzuki Foundation was discussed before implementing the recommendation of the study.

- **Team of Manav Rachna CAWTM** creating Awareness among the villagers about various **agriculture schemes like PMKSY, MNREGA, RKVY operated by Government of Haryana, India to reduce wastage of water.**



Press Coverage

दिल्ली/हरियाणा नई दिल्ली, गुरुवार, 2 जून 2022

# मिकाड़ा के तहत हर खेत को दिया जाएगा पानी-एस.डी.ओ. मिकाड़ा

जिला कार्यान्वयन भागीदारी टीम ने डी.पी.एम.यू. के विशेषज्ञ के साथ मिलकर विभिन्न ग्राम पंचायतों में लोगों को किया जागरूक



नई दिल्ली, 2 जून। जिला कार्यान्वयन भागीदारी टीम ने डी.पी.एम.यू. के विशेषज्ञ के साथ मिलकर विभिन्न ग्राम पंचायतों में लोगों को जागरूक किया। जिला कार्यान्वयन भागीदारी टीम ने डी.पी.एम.यू. के विशेषज्ञ के साथ मिलकर विभिन्न ग्राम पंचायतों में लोगों को जागरूक किया।

# पानी का सही इस्तेमाल करने को किया जागरूक

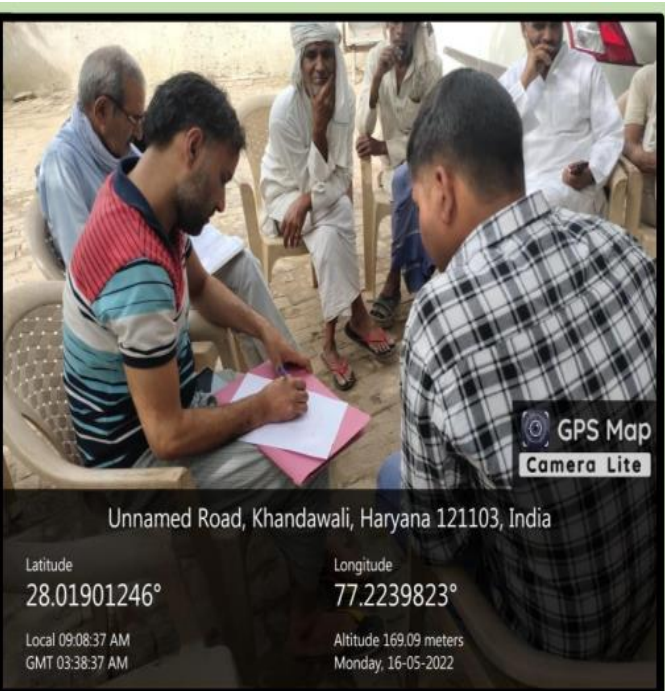
पलवल, 1 जून (ब्यूरो) : सिंचाई विभाग के साथ-साथ महिलाओं ने भी घरेलू कार्यों के लिए जिस तरह से जल का दुरुपयोग किया है। उन्हें भी अपनी जिम्मेदारी समझनी होगी कि जब तक लोग जल बचाने के लिए दैनिक व्यवहार में बदलाव नहीं करते तब तक पानी के व्यर्थ उपयोग को नहीं रोका जा सकता।

जल को हर एक बूंद का उपयोग सही तरीके से होना चाहिए, ताकि हम आगे वाली पीढ़ियों के लिए जल भंडार को सुरक्षित रख सकें, क्योंकि जल के ऊपर जितना अधिकार हमारा है उतना ही आने वाली पीढ़ियों का भी है। जल के बिना जीवन संभव नहीं है। जल ऐसा संसाधन नहीं है जिसे हम दोबारा पैदा कर सकते हैं। इसलिए जो जल भूगर्भ में उपस्थित है उसको ही हमें बचना है और वर्षा व अन्य एकत्रित जल को भूगर्भ तक पहुंचाना जरूरी है।

कनिष्ठ अभियंता नरेश ने बताया कि लोग फसल चक्र को बदलकर जल को बचा सकते हैं, जिन फसलों को कम जल की आवश्यकता होती है, हमें उन फसलों को खेती पर जोर देना चाहिए। सिंचाई की विधि में बदलाव करके भी जल को बचाया जा सकता है, जैसे स्प्रिंकल, ट्रिप पट्टा, अंडरग्राउंड पाइपलाइन जैसे विधियों का प्रयोग करके पानी के खर्च को कम किया जा सकता है।

उन्होंने कहा कि आज आपके पास जल को उपलब्धता है। इसलिए आप सोच नहीं पा रहे हैं, लेकिन कल जब जल ही नहीं रहेगा तब लोग खेती ही नहीं कर पाएंगे। अशोक ने बताया कि रिचार्ज बोकेल लगा कर जलस्तर को बढ़ाया जा सकता है। वाटर हार्वेस्टिंग लगा कर गांव के एकत्रित पानी को पीने व जोड़हड़ के पानी को साफ करके खेती व अन्य कार्यों में प्रयोग किया जा सकता है।

- **Team of Manav Rachna CAWTM** sensitizing the Gram Panchayats (Village leaders) and residents about the morphology, community interaction on Water Issues, agriculture practices for Efficient Water Usage, facilities and Water Practices to be followed for Clean Water, Conservation of Water and proper utilization under Atal Bhujal Yojna.



# SDG 6- CLEAN WATER AND SANITATION



## SDG 6- CLEAN WATER AND SANITATION



**Distribution of Water Test Kits by Manav Rachna CAWTM in Village Gram panchayats to ensure Clean Water Usage**



**Water sample collection by Manav Rachna CAWTM in different Gram Panchayats for Water Testing**



**Testing of Surface and Ground Water Quality by Manav Rachna CAWTM in different Gram Panchayats**

Dainik Jagran 21 May 2019

## कार्यशाला में जल संरक्षण पर हुई चर्चा

जालंधर, फरीदाबाद: मानव रचना इंटरनेशनल यूनिवर्सिटी में आयोजित पांच दिवसीय इको कंसल्ट मीट में पानी संरक्षण, रेन वाटर हार्वेस्टिंग के बारे में जानकारी दी गई। सेंटर फॉर एडवांस्ड वाटर टेक्नोलॉजी एंड मैनेजमेंट की ओर से आयोजित इस मीट का उद्घाटन सीएडब्ल्यूटीएम के अध्यक्ष डॉ. डीके चड्ढा, मानव रचना के डीजी डॉ. एनसी वाधवा, एमआरआईआइआरएस के प्रो-वीसी डॉ. एमके सोनी ने संयुक्त रूप से किया। इस दौरान डॉ.डीके चड्ढा व प्रोफेसर डॉ.अरुणांशू मुखर्जी ने सभी अनुसंधानकर्ताओं से आग्रह किया कि वह पानी के महत्व और रेन वाटर हार्वेस्टिंग की आवश्यकता के बारे में लोगों में जागरूकता फैलाएं। डॉ.एनसी वाधवा ने पानी के संरक्षण की आवश्यकता पर

यूनिवर्सिटी में आयोजित सेमिनार को संबोधित करते डॉ. अरुणांशू मुखर्जी • जागरण जोर दिया, ताकि आने वाली पीढ़ियों को स्वच्छ पेयजल उपलब्ध हो सके। इस कार्यक्रम में अलग-अलग संस्थाओं के

लोगों ने हिस्सा लिया, जिनमें एनजीओ, डॉक्टर्स, पीजी स्टूडेंट और नए अनुसंधानकर्ता शामिल थे।

भविष्य ने त में जीता स्व

जालंधर, बल्लभगढ़ : रहने वाले भविष्य के तालकटोरा स्टे ताइक्वांडो ग्रांड प्रिक्स 2019 में स्वर्ण पदक जीत है। उसका हैदराबा में आयोजित हो वाली जी-व प्रतियोगिता के लि चयन हुआ है। का आयोजन उ फेडरेशन की त उन्होंने त्यागी त तरफ से दिल्ली था। भविष्य को और उनके को उज्वल भविष्य

ड रहा है सामना

रमंग बन्नताल ग

Media Coverage of efforts of Manav Rachna CAWTM towards spreading Awareness among local communities for Clean Water and Sanitation

# गांव नांगलजाट, अंधोप, गुदराना और बंचारी में किया जल सुरक्षा का निरीक्षण

देश के एक बड़े शहरों में सुखल संसाधनों की कमी को दूर करने के लिए जल और स्वच्छता योजना

**देश, राजस्थान, फारुखा**

श्रीवांग विभाग के जल और स्वच्छता विभाग के जल सुरक्षा निरीक्षण के अंतर्गत गांव नांगलजाट, अंधोप, गुदराना और बंचारी में जल सुरक्षा का निरीक्षण किया गया।



जल सुरक्षा का निरीक्षण गांव नांगलजाट में किया गया।

श्रीवांग विभाग के जल और स्वच्छता विभाग के जल सुरक्षा निरीक्षण के अंतर्गत गांव नांगलजाट, अंधोप, गुदराना और बंचारी में जल सुरक्षा का निरीक्षण किया गया।

# आलीमेव व पावसर में लोगों को सूक्ष्म सिंचाई अपनाने के लिए किया प्रेरित

**देश, राजस्थान, इंदौर**

श्रीवांग विभाग के जल सुरक्षा निरीक्षण के अंतर्गत गांव आलीमेव व पावसर में लोगों को सूक्ष्म सिंचाई अपनाने के लिए प्रेरित किया गया।



लोगों को सूक्ष्म सिंचाई अपनाने के लिए प्रेरित किया गया।

श्रीवांग विभाग के जल सुरक्षा निरीक्षण के अंतर्गत गांव आलीमेव व पावसर में लोगों को सूक्ष्म सिंचाई अपनाने के लिए प्रेरित किया गया।

# पानी का सही इस्तेमाल करने को किया जागरूक

श्रीवांग विभाग के जल सुरक्षा निरीक्षण के अंतर्गत गांव आलीमेव व पावसर में लोगों को सूक्ष्म सिंचाई अपनाने के लिए प्रेरित किया गया।

# गिरते जलस्तर को ऊंचा उठाने के लिए उठाए जाएं ठोस कदम

पलवल, 18 मई। उपायुक्त कृष्ण कुमार की अध्यक्षता में कैम्प कार्यालय में अटल भूजल योजना के संदर्भ में समीक्षा बैठक आयोजित की गई। उन्होंने योजना को सुचारू ढंग से क्रियान्वित करने बारे दिशा-निर्देश दिए। उपायुक्त ने उक्त कार्यों को पूरा करने के लिए टीम को निर्देश दिए कि जो भी डबल्यू.एस.पी. बनाए जाने हैं, उसके लिए सभी मुख्य विभागों की मदद ली जाए, ताकि भविष्य को ध्यान में रखते हुए पानी के गिरते हुए स्तर को रोका जा सके। इस संदर्भ में साप्ताहिक बैठक आयोजित की जाएगी। जिले के चार खंडों क्रमशः हथीन, पलवल, हसनपुर, होडल के गिरते भू-जल स्तर को ऊंचा उठाने के लिए ठोस कदम उठाए जाएंगे।

# 'हर खेत को पानी देना सिंचाई विभाग का लक्ष्य'



**लक्ष्यों को उभार जल टोशन को लक्ष्य के उभार**

श्रीवांग विभाग के जल सुरक्षा निरीक्षण के अंतर्गत गांव आलीमेव व पावसर में लोगों को सूक्ष्म सिंचाई अपनाने के लिए प्रेरित किया गया।