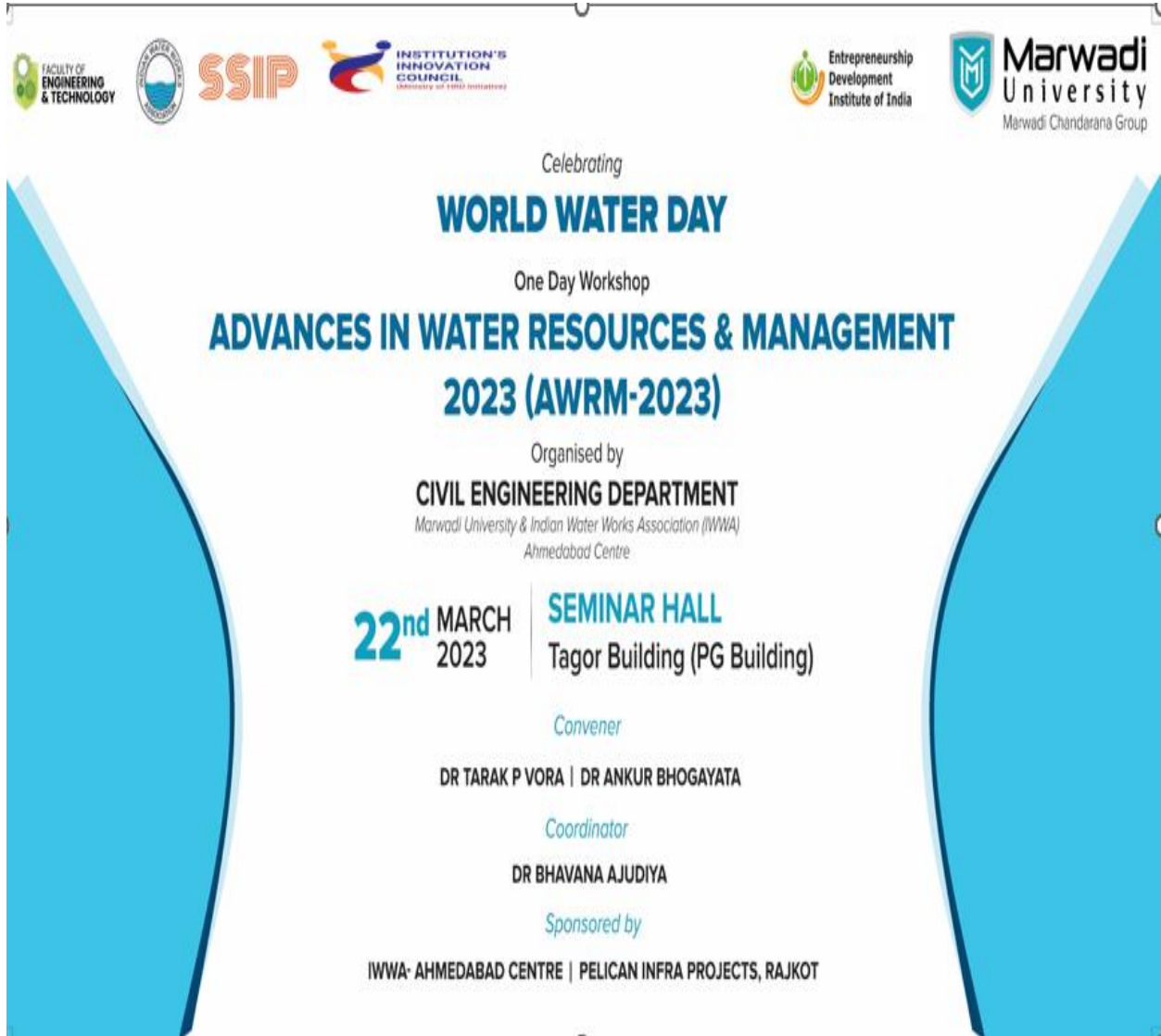


**A Report on
World Water Day Celebration (AWRM: 2023)**



(22nd March 2023)

Convener

Dr. Tarak Vora, HOD (FOT)
Dr. Ankur Bhogayata HOD (FOE)

PATRONS

Dr. R.B. Jadeja, Dean of Faculty of Engg. & Tech
Shri P. H. Shah, Chairman of IWWA- Ahmedabad

COORDINATOR

Prof. Bhavana K. Ajudiya, Assistant Professor, Civil Engg. Dept; Marwadi University

Prepared By: Dr. Bhavana Ajudiya, Asst. Prof., Civil Engg. Dept. MU, Rajkot

One Day Workshop - "Advances in Water Resources and Management: (AWRM:2023)"

ABOUT MARWADI UNIVERSITY

The Technical Campus at Gauridad is the first of its kind Integrated Campus that is offering Professional technical education under the umbrella of MEFGI in the state of Gujarat at Rajkot. It is affiliated with Marwadi University, approved by AICTE, and is presently offering graduate, post-graduate, and Ph.D. courses in various disciplines of Engineering, Computer Applications (MCA), Management (MBA + PGDM), and many more.

MU is a State-of-the-Art campus with excellent Infrastructure spreaded in 30 Acres of lush green land.

ABOUT THE CIVIL ENGINEERING DEPARTMENT

Civil Engineering Department is one of the active departments of MU and is imparting quality education since 2008. The department has well-qualified and experienced faculties with excellent laboratories and offers research and consultancy services. The Department runs an undergraduate program, various post-graduate programs (M.E – Structures, Transportation, Geotechnical, Construction Project Management), and a Ph.D. program. The Department has an ACI-India student chapter and is a member of the Hydrological Data Usage Group of the Government of Gujarat.

ABOUT WORKSHOP

In the World Water Day workshop 2023, Expert sessions were delivered on various topics such as One Water Paradigm Shift Concept to Development, Urban Ponds: Principles to Practices, Artificial Intelligence and Future of Water Management- From Concepts to Constraints, Sustainable Development Goal: Water and Sanitation for all by 2030. It also discusses the current issues related to groundwater depletion and groundwater recharges.

OBJECTIVES OF THE WORKSHOP

The main objectives of the workshop are

- to introduce the importance of Artificial Intelligent in the water resources and management sector
- to create awareness about rainwater harvesting and conservation by urban ponds

- to inculcate knowledge of futuristic uses of treated sewage among participants

ABOUT PARTICIPANTS

There was a total of 141 participant's in-house Civil Engineering Department, MU which includes 2nd, 3rd, and final-year students.

Schedule of Programme

Theme: "Advances in Water Resources & Management:2023 (AWRM-2023)"

Venue: 3rd floor Inner Seminar Hall, Tagor (PG) Building, Marwadi University, Rajkot-Morbi Road, Rajkot

Convener: Dr. Tarak Vora and Dr. Ankur Bhogayata, MU

Coordinator: Dr. Bhavana Ajudiya, Marwadi University,

Date: 22.03.2023

Date	From	To	Particulars	Speaker
22.03.2023 (Wednesday)	9.30	10.00	Registration and Hi-Tea	
	10.00	10.05	Deep Pragtiya & Prayer	Dignitaries & students
	10:05	10:15	Flower welcome of Dignitaries	Faculties of CED
	10.15	10.25	Introduction of IWWA	Er. S V Ahuja Former President IWWA, Ahmedabad Centre, Retired Chief Engineering, GWSSB.
	10.25	10.35	Innovation & research at MU	Dr. R. B. Jadeja Dean Faculty of Engg. & Tech, Marwadi University
	10:35	10:45	About Civil Engineering Dept	Dr. Ankur Bhogayata Prof. & HOD, MU
	10.45	11:40	Technical Session I (Online) One Water Paradigm Shift Concept to Development	Dr. Pankaj Sampat Associate Director Infrastructure Cooperation Karnataka
	11.40	12.45	Technical Session II (online) Urban Ponds: Principles to Practices	Dr. S. M. Yadav Professor Civil Engg. Dept. SVNIT -Surat Former Dean (AI & RG)
	12:45	1:45	Lunch	
	1:45	2:45	Technical Session III "Artificial Intelligence and Future of Water Management- From Concepts to Constraints"	Dr. M B Joshi Former Chief General Manager, SSNNL Govt. of Gujarat, Gandhinagar
	2:45	3:45	Technical Session IV	Dr. Debleena Bhattacharya

			Sustainable Development Goal: Water and Sanitation for all by 2030	Assis. Prof., Environment Dept. MU
	3:45	4:00	Vote of Thanks	Dr. Tarak Vora HOD of Civil Engg. Dept.
	4:00	4:15	Tea	

INAUGURAL SESSION

The Workshop was chaired by Chief Guest of Honor, Shri S. V. Ahuja (Keynote speaker & Former Chairman of IWWA, Ahmadabad Centre), Dr. R.B. Jadeja, Guest of Honor (Dean of research, MU-Rajkot), Shri P.K. Tank, Guest of honor (Former consultant of RMC), Dr. M. B. Joshi, Expert and Former Chief General Manager, SSNNL, Gujarat Govt. Dr. Ankur Bhogayata (Head FOE, Civil Engineering Department), and Dr. Bhavana Ajudiya (Assi. Prof., CED and Workshop Co-Ordinator). As per the Indian tradition, A workshop was inaugurated with Prayer and Lighting of the lamp. Dr. Bhavana Ajudiya, Workshop Coordinator welcomed all dignitaries, faculties, and participants. She was the master of the ceremony at world water day 2023 celebration workshop. All the faculties and student participants were also present during the inauguration of the Workshop.

Shri S. V. Ahuja has given a brief idea about “Ringwoodite water” and its use in the future. Some facts and figures of Urban water supply at present and in the future. The Chief Guest of the inaugural function shared his views on the program. He gave motivational & inspirational talks to our participants to be deeply involved in research. He had given a brief outline about membership of IWWA and activities carried out under the umbrella of IWWA. He congratulated the Department for organizing such a program that indirectly benefits society.

Dr. R. B. Jadeja has share information about diversity in students at the campus, various collaborations with state and Central Govt; Research grants available for innovative research projects, etc., and given best wishes to the Department for the successful completion of the workshop.

Dr. Ankur Bhogayata has introduced all about the Civil engineering department and its activities. He had given a brief outline of the program and requested all participants to enrich their knowledge from this Workshop by effective participation. All the technical sessions were delivered as per the schedule after the completion of the inauguration ceremony.

FEW GLIMPSES OF INAUGURAL FUNCTION OF WORKSHOP ON 22nd March-2023 ARE GIVEN BELOW:



Figure 1 Master of Ceremony by Dr. Bhavana Ajudiya



Figure 2 Inauguration of Workshop: Dignitaries on Dias



Figure 3 Inauguration of Workshop: Lamp Lighting



Figure 4 Chief Guest of honor, Blessing and keynote speech



Figure 5 Guest of honor Dr. R. B. Jadeja, Blessing, Motivation, and Various activities of MUIR



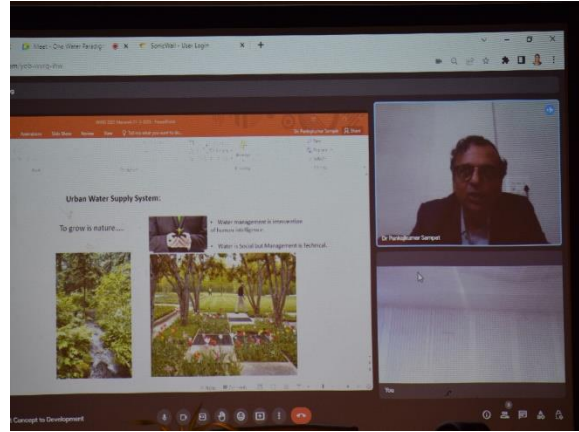
Figure 6 Research Activity at CED by Dr. Ankur Bhogayata

ABOUT THE EMINENT SPEAKERS AND THEIR EXPERT TALKS

Dr. Pankaj Sampat – Dean Associates, Infra Cooperation, Karnataka

Topic: Technical Session I (Online through google meet)

One Water Paradigm Shift Concept to Development



Dr. M. B. Joshi

Former Chief General Manager, SSNNL Govt. of Gujarat, Gandhinagar

Topic: Technical Session II
“Artificial Intelligence and Future of Water Management- From Concepts to Constraints”

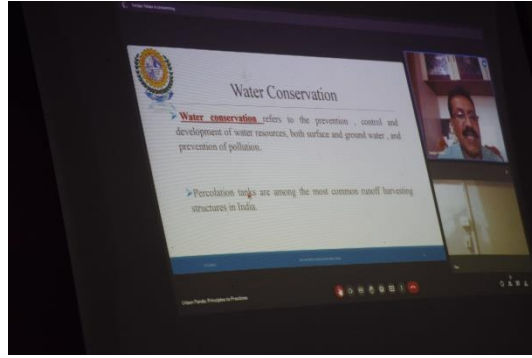
Dr. Debleena Bhattacharya
Assis. Prof., Environment Dept. MU

Topic: Technical Session III

Sustainable Development Goal: Water and Sanitation for all by 2030



Dr. Sanjay M Yadav
Professor Civil Engg. Dept.
SVNIT -Surat
Former Dean (AI & RG)
Topic: Technical Session IV (online
through Google Meet)
Urban Ponds: Principles to Practices



Dr. Tarak Vora
Prof. & HOD , Civil Engg. Dept
Topic: Vote of Thanks

FEEDBACK BY PARTICIPANT:

Most of the participants were actively involved in the workshop and felt very good/Awesome as a whole. As per their feedback course contents, facilities and High Tea were excellent.

VOTE OF THANKS

The Vote of thanks was delivered by Dr. Tarak Vora, Prof., and HOD (FOT). He highlighted the contribution of the various sponsors such as Mr. P H Shah, Chairman of IWWA- Ahmedabad centre, and Pelican Infra Projects-Rajkot. He was thankful to Dr. Bhavana Ajudiya, workshop coordinator for successfully organizing a workshop. He extends sincere thanks to Dr. R.B. Jadeja (Dean of Research), Shri Naresh Jadeja Sir (registrar), Shri Ketanbhai Marwadi Sir (Chairman), and Shri Jitubhai Chandarana Sir (Vice-Chairman) MEFGI for their constant support in organizing the workshop. He also extended their gratitude to student volunteers, faculty member & ICT member, seminar hall management member etc involved in making a program successful.

CERTIFICATE DISTRIBUTION

