

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(Deemed University)

NAAC Accredited with A++ Grade

DEPARTMENT OF CIVIL ENGINEERING

Date: 22/03/2025

Report of Activity- Celebrations of “World Water Day”

Type of activity:	Informative & Interactive Lecture and discussion
Title of activity:	Celebrations of “World Water Day”
Date and Duration of activity:	Saturday, 22 March 2025, 10 AM to 4: 00 PM
Resource Person:	Er. S.K. Andhwan (Chairman IWWA Gwalior Chapter & Project Director Jal Nigam MP Bhopal) Er. Nancy Jain (DGM, Jal Nigam PIU Gwalior) Prof. A.K. Saxena (Associate Professor, Civil Engg Dept.) Prof. Aditya k. Agarwal (Assistant Professor, CED, MITS)
Number of participants:	85
Organized by:	Department of Civil Engineering (MITS Gwalior) & Indian Water Works Association Gwalior Chapter
Objectives of the activity:	<ol style="list-style-type: none">1. Highlighting the importance of water as a finite and precious resource.2. Educating participants on the current challenges of water scarcity.3. Providing participants with practical knowledge on preservation of Glaciers.4. Providing participants with practical knowledge on various salient technical aspects about smart water distribution system.5. Encouraging collaboration and networking among participants for knowledge sharing and collective action.
Outcomes of the activity:	<ol style="list-style-type: none">1. Mapped with sustainable development goals (SDG 3,6,9,11,12,13,15).2. Increased awareness about water challenges and preservation of glaciers.3. Exposure to innovative solutions and valuable insights from experts with reference to water distribution.4. The Event facilitated discussions and knowledge exchange among participants and with experts.5. Participants learned practical ways to save water, including techniques like use of sensors, IOT and other techniques.

Detailed Description of the Activity

Celebrations of “World Water Day”

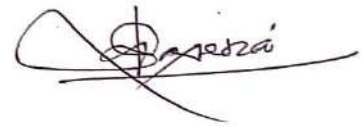
22 March 2025

Venue: Conclave Centre, MITS (D.U.) Gwalior

Department of Civil Engineering MITS-DU and Indian Water Works Association (IWWA) Gwalior Chapter Celebrated World Water Day on 22 March 2025, 10:30 AM onwards in the Conclave Center of the MITS Gwalior. The function was Chaired by Er. S.K Andhawan (Chairman IWWA Gwalior Chapter & Project Director Jal Nigam MP Bhopal). About 85 participants including Engineers of various departments, faculty members of MITS-DU and UG & PG Students attended the programme.

Programme started with lightening of lamp and recitation of Saraswati Vandana. Dr. M.K. Trivedi (I/C HCED) and other faculty members welcomed the guests by garlanding. Er. R.S. Bhadoria (Ret. Chief Engineer PHED & COM Member), Er. S.K. Jain (Ret. CE PHED), Er. K.K. Saraswat (Ret. CE PHED), Er. R.K. Rathore (Ret. SE PHED), Er. R.K. Khaitan (Chairman IEI). Dr. M.K. Trivedi (Professor, Civil Engineering); Prof A.K. Saxena (Vice- Chairman, IWWA Gwalior); Dr. U.S. Pande (Hon. Secy. IWWA Gwalior); Dr. Anant Sharma (GM. PIU Jal Nigam). Many more dignitaries were present during the programme. Anchoring of the Programme was done by Prof. Aditya Agrawal (Asst. Professor, MITS). Er. R.S. Bhadoria (COM member, Ret. CE PHED) appraised about the functions and role of IWWA for engineers engaged in this profession. Er. U.S. Pande (Hon. Secy. IWWA Gwalior) detailed about activities of Gwalior chapter of IWWA. Prof. A.K. Saxena (Vice-Chairman IWWA Gwalior Chapter) motivated the students to become student member of IWWA. About 35 students have consented to become member of student chapter. These students were facilitated with welcome badges by chief guest, other guests and dignitaries. Er. S.K. Jain (Chief guest & Ret. CE MPPHED) has highlighted that every individual shall contribute to save & conserve the water and the water shall be used judiciously. Er. R.K. Khaitan (Chairman IEI) emphasised on the people participation to save the water for future. Er. K.K. Saraswat suggested that to save fresh water, grey water shall be reused & recycled. Traditional practices of water conservation shall be paid due attention. Er. G.S. Agarwal (Ret. SE PHED) appraised that efficient irrigation practices are the need of the hour. Arrangement of water testing (on spot) was also done for some crucial chemical parameters such as pH, Turbidity, D.O., Temperature, Microscopy analysis using field kit. Dr. C.S. Malvi (Head, Mechanical Engg department) informed about the various parameters of water. Prof. A.K. Saxena (Associate Professor, Vice-Chairman IWWA Gwalior & I/C Student Chapter) delivered an expert lecture on water distribution for Smart Cities. He elaborated about use of IOT, ICT, Cloud computing, relevant software's, sensors, probes and other modern tools for better water distribution and efficient water management. This expert lecture was followed by the quiz test. Prof. Aditya

Agrawal (Assistant Professor) delivered a comprehensive lecture on the 2025 world water day theme “**Glacier Preservation**”. Prof. Agarwal has appraised the role of glaciers in climate control & water cycle, challenges in preservation of glaciers and strategic steps to be taken for preservation of glaciers. Er. Nancy Jain (DGM, Jal Nigam PIU Gwalior) discussed about the role of Jal Jeevan Mission & Jal Nigam for easing out the life style in rural and sub-urban areas. She has also detailed about some projects under taken in Gwalior & Chambal division. At the end, Chief Guest Shri S.K. Andhawan (Chairman IWWA Gwalior and Project Director Jal Nigam Bhopal MP) has urged to practice about adopting water budgeting, construction of small & medium sized water storage structures, improvement in irrigation methods, choice of proper crop for agriculture, continuous monitoring of water quality. Dr. Prachi Singh (Asst. Prof. MITS Gwalior) has given vote of thanks to all dignitaries & participants. As a token of remembrance mementos were facilitated to guests, dignitaries. After National Anthem, all participants proceeded for lunch in Institute Guest House.



Prof. A.K. Saxena

(Associate Professor, Civil Engg Dept.)

MITS-DU Gwalior

Enclosures

- I. Itinerary of the Programme
- II. List of Participants
- III. 6 Photographs



जल बचाने के लिए हम सभी को करने होंगे सामूहिक प्रयास



एमआईटीएस में आयोजित कार्यशाला में बैठे इंजीनियर्स । • नईदुनिया

नईदुनिया प्रतिनिधि, ग्वालियर: एमआईटीएस के सिविल इंजीनियरिंग विभाग ने इंडियन वाटर वर्क्स एसोसिएशन (आईडब्लूडब्लूए) के सहयोग से विश्व जल दिवस के अवसर पर कार्यक्रम का आयोजन किया। इसका उद्देश्य जल संरक्षण और स्थिरता के प्रति जागरूकता बढ़ाना था। जल प्रबंधन क्षेत्र के विशेषज्ञ और पेशेवरों ने चर्चा में भाग लिया। यह कार्यक्रम जल जीवन मिशन भोपाल के परियोजना निदेशक ई. एसके अंधवान की अध्यक्षता में हुआ। उन्होंने जल संबंधित

चुनौतियों से निपटने के लिए नीति कार्यान्वयन, तकनीकी प्रगति और सार्वजनिक भागीदारी के माध्यम से सामूहिक प्रयासों के महत्व पर जोर दिया। कार्यक्रम में अतिथि के रूप में ई. आरके खेतान, केके सरस्वत, ई. एसके जैन, ई. आरएस भदौरिया, ई. एसके अंधवान, ई. अनंत शर्मा, ई. एके सक्सेना, ई. ईएस. पांडे, ई. जीएस अग्रवाल, प्रो. एमके त्रिवेदी और प्रो. सीए मालवी उपस्थित रहे। उन्होंने जल संरक्षण और इसके सतत प्रबंधन के महत्व पर अपने विचार साझा किए।



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(Deemed to be University)
NAAC Accredited with A++ Grade
Gola Ka Mandir, Gwalior (M.P.) - 474005, INDIA
Ph : +91-751-2409300, E-mail: director@mitsgwalior.in Website: www.mitsgwalior.in

II Session

Department of Civil Engineering

Celebration of World Water Day 22 March, 2025.

Department of Civil Engineering & IWWA Local Student Chapter

All Students (Except) ~~ISE (Civil)~~

Expert Lecture: Smart Water Distribution

Attendance List

S.No	Name	Roll No.	Mobile No.	Signature
1	Anshita Ahirwar	0901CE211024✓	9131209249	
2	Akanksha Dixit	0901CE211013✓	9584049700	
3	Harshit Rathor	0901CE211058✓	9171761402	
4	Rishabb Rana	0901CE211100	9691021007	
5	Pranav Tiwari	0901CE221068	9425427750	
6	Aishwarya Malviya	0901CE221006✓	8170938237	
7	Neha Puri Drakad	0901CE231065	9898503659	
8	Sneha Yadav	0901CE231090	8962359978	
9	Iska Karkhwa	0901CE231048✓	8357028468	
10	Supriya Tripathi	0901CE231095	9131596994	
11	ROUNAK BHADORTA	0901CE243005	6266218285	
12	Abhishek Jaisav	0901CE221004✓	9770031439	
13	Uday Kumar Hirvane	0901CE221101	7000102273	
14	Harsh Kumar Chaudhary	0901CE221036✓	9005413939	
15	Harshit Bhargava	0901CE221038	7024586391	
16	Himanshu Chouhan	0901CE221042	9516588911	
17	Dileep Kumar Koi	0901CE221029	6265975018	
18	Abhiraj Singh Bhadwaj	0901CE221004	6261099749	
19	Aryan Rajput	0901CE231023	7880055340	
20	Abhigyan Singh	0901CE231021	7024703512	
21	ABHAY SHARMA	0901CE243007	7879176691	
22	Amman Singh Tomar	0901CE231009	9755955728	
23	Ayush Singh Sikarwar	0901CE231025	9302716303	
24	Anurag Siharwar	0901CE231018	7828714540	

Sumit Pragaspati	0901CE231093	9691139940	
Muskan Shukla	0901CE231063	810307117	
Anuj Singh Sikarwar	0901CE231016	9131436027	Anuj Singh
Lokendra Sharma	0901CE231057	8359856055	Lokendra
Himanshu Maher	0901CE231047	6264318791	Him
Pranav Khar	0901CE231066	8871372847	
Manish Kumar Meena	0901CE231059	9294851968	Manish
Raj Yadav	0901CE231072	7879067454	
Prashant Ugal	0901CE231069	7440808178	
Shashank Agrawal	0901CE231081	779036353	
Adarsh Kumar	0901CE231026	9329434865	
Shivamatar	0901CE231082	8103417118	
Abhay Tiwari	0901CE231001	7611142809	Abhay
Shubham Gupta	0901CE231066	9343382218	Shubham
Rishabh Soni	0901CE231076	9926980904	Rishabh
Jatin Khar	0901CE231049	8319664059	Jatin
Harsh Umraige	0901CE231040	9372222416	Harsh
Anuj Yadav	0901CE231017	62666792024	Anuj Yadav
Dhruv Kumar Rathor	0901CE231030	7415831693	Dhruv
Harsh Singh Rajawat	0901CE231008	8839838795	Harsh Singh
Devendra Arya	0901CE231028	9691168031	Dev
Akash Ahluwalia	0901CE243001	8602163049	Akash
SHYAMLAL NARWANE	0901CE243006	8878801931	Shyam
Mahendra Shukla	0901CE231058	8357913719	Mahendra
Poojesh Sharma	0901CE231067	8602979363	Poojesh
Harshit Dwivedi	0901CE231043	7440723768	Harshit
Devash Nigam	0901CE231029	8425705986	Devash
Ayush Eshwar	0901CE243003	9098055715	Ayush
Mohit Singh Kuchwah	0901CE243004	9009016645	Mohit
Sachin Sharma	0901CE231078	9165799719	Sachin
Harshit Dixit	0901CE231042	9009290738	Harshit



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Department of Civil Engineering

Celebration of World Water Day 22 March, 2025.

Department of Civil Engineering & IWWA Local + Student Chapter

Expert Lecture: Smart Water Distribution

AI Student (Except) IIBE (Civil)

Attendance List

S.No	Name	Roll No.	Mobile No.	Signature
1	Vedant Kumar Mishra	0901CE221101	7000102273	
2	Abhishek Jaiswal	0901CE221002	9770031439	
3	Himanshu Chauhan	0901CE221042	9516588911	
4	Harshit Bhargava	0901CE221038	7024586391	
5	Harsh Kumar Chauhan	0901CE221036	9009413939	
6	Dileep Kumar Kori	0901CE221029	6265975018	
7	Anshita Ahirwar	0901CE211024	9131209249	
8	Akanksha Dixit	0901CE211013	9584049700	
9	Harshit Rathor	0901CE211058	9171761402	
10	Rishabh Rana	0901CE211000	9691021007	
11	Aishwarya Malviya	0901CE221006	8770938237	
12	Pranav Tiwari	0901CE221068	9425427750	
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(67)

Theme: Glacier Preservation**Event Schedule**

S.No.	Item	Time
1.	Invitation to Dignitaries	10:30 to 10:32 AM
2.	Lamp Lighting of Maa Saraswati (recitation of Saraswati Vandana)	10:32 to 10:35 AM
3.	Welcome of Dignitaries on desk by garlanding	10:32 to 10:40 AM
4.	Welcome Speech by Dr. M.K. Trivedi HCED Dr. M.K. Trivedi	10:40 to 10:43 AM
5.	Appraisal about Activities of IWWA by Er. R.S. Bhadoria (Ret. CE PHE & COM Member)	10:43 to 10:46 AM
6.	Detailing about the Theme & Local Chapter by Er. U.S. Pande (Hon. Secretary IWWA)	10:46 to 10:50 AM
7.	Detailing about the IWWA Student Chapter by Prof. A.K. Saxena (Vice Chairman IWWA)	10:50 to 10:53 AM
8.	Speech of Guest of Honour - Er. R.L.S Mourya (CE PHD) Er. R.K Khaitan Er. K.N Jha	10:53 to 11:08 AM
9.	Words of Wisdom by Guest of Honour Er. S.K. Jain (Ret. CE PHED)	11:08 to 11:12 AM
10.	Words of Wisdom by Chief Guest Er. K.K. Saraswat (Ret. CE PHED)	11:12 to 11:15 AM
11.	Speech of Chairman - Er. S.K. Andhawan (Project Dir. & Chairman IWWA)	11:15 to 11:20 AM
12.	Appraisal about Water Testing Activity by Dr. C.S. Malvi (Head Mechanical Deptt.	11:20 to 11:25 AM
13.	Expert Lecture on Water Distribution System for Smart Cities by Prof. A.K. Saxena (I/C Student Chapter IWWA)	11:25 to 12:10 PM
14.	High Tea in Upper Porch	12:10 to 12: 30 PM
15.	Expert Lecture on Theme by Prof. Aditya K. Agrawal	12: 30 to 01:00 PM
16.	Lecture on Jal Jeevan MIssion by Nancy Jain (DPM Jal Nigam)	01:00 to 01:20 PM
17.	Lecture by Er. S.K. Andhawan about Importance of Jal Nigam (Project Dir. & Chairman IWWA)	01:20 to 01:35 PM
18.	AGM Meeting	01:35 to 01:50 PM
19.	Distribution of Memento	01:50 to 01:58 PM
20.	National Anthem	01:58 to 02:00 PM
21.	Lunch (For Faculty Members & IWWA Members)	02:00 PM Onwards