

Annual Report

2022-23

Notice & Agenda of the 56th Annual General Meeting of the Indian Water Works Association to be held at 18.00 hrs. on Friday, the 19th January 2024 at Bharathiar University (Govt. of Tamil Nadu), Maruthamalai Road, Coimbalore 641046. Tamil Nadu





55[™] IWWA ANNUAL CONVENTION AT PUNE







55th ANNUAL REPORT 2022-23

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INDIAN WATER WORKS ASSOCIATION

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ABOUT IWWA

WHAT IS IWWA?

The Indian Water Works Association is a voluntary organization of Professionals concerned with WATER...

- WATER for Municipal, Industrial and Agricultural uses.
- WASTE WATER collection, treatment, disposal and reuse.

The Association founded in 1968 (and registered under the Societies Registration Act of 196l) with headquarters at Mumbai and 36 centres in the Country, presently has membership of 13000 plus.

To cite a few, they include...

- The decision makers in Water and Waste Water Sector such as Chief Engineers and Heads of Departments of Government and Semi Govt. Organisations
- The policy implementing Engineers, Scientists, Hydro Geologists, Environmentalists, Chemists, Biologists etc.
- The beneficiary and contributing organizations of the Sector viz. Municipalities, Water Supply and Sewerage Boards, PHED
- Pollution Control Boards, Irrigation Departments, Engg. and Science Colleges, Research Institute etc.
- The supporting limbs of the Sector viz, Industrial Houses, Equipment Manufacturers, Consultants, Contractors etc.

OBJECTIVES AND ACTIVITIES

The Objective of IWWA is to stimulate and promote the development of Science, Technology, Economics, Environment, Ecology and Social Sciences in managing the Water, both fresh and waste water. It provides a common platform for the persons and organizations working in this sector to exchange views, share ideas, disseminate information and knowledge about new and appropriate technologies for improving and upgrading the services.

IWWA is now in its fifty fifth and have accumulated good experience in the promotion and transfer of knowledge in Water and Waste Water management Science and Technology and handling the related issues. It serves to promote programmes to accelerate and enhance sustainable growth of Water and Waste Water systems in INDIA.

At the International level, it has relations with other similar Associations such as:

- International Water Association (IWA)
- American Water Works Association (AWWA)
- Japan Water Works Association (JWWA)
- Global Water Partnership (GWP)
- Public Utility Board (PUB) Singapore

These linkages provide a vista to the members of the Association to exchange and promote ideas at international level.

HOW CAN ONE BE ASSOCIATED?

The membership of the Association is open to:

LIFE FELLOW: (Senior persons above 40 years of age, with 15 years of professional experience at higher/responsible position University Graduation or equivalent in any discipline and Life Member of Association for at least one year)

LIFE MEMBER: (Graduates or Diploma holders working in water and waste water fields)

STUDENT MEMBER: (Studying in technical/ scientific school/college)

LIFE ORGANIZATION & UTILITY MEMBER: (Organizations related to water and waste water fields)

ANNUAL CONVENTIONS, SEMINARS, CONFERENCES AND TECHNICAL VISITS:

The IWWA and its centres organize various activities. These activities offer information exchange platform for New technologies, Management methodologies, their usages and experience etc. The activities to cite a few include:

National Annual Convention: January or February each year at a selected place in the Country

International and National Organised by Headquarters or different Centres. Seminars,

Workshops and Conferences: Organised by Various Centres

Monthly Lecture Session: Eminent speakers are invited by the Centres to deliver lectures

for the benefit of Members

Technical Visits: Visits to various project works are organized as a part of their activity.

Annual Convention also includes technical visits

People's awareness Programmes: Promulgating awareness amongst the Citizens for conservation of Water,

Environment and other related issues in the sector.

IWWA CENTRES

Presently IWWA has 36 Centres located at:

Ahmedabad	Akola	Amravati	Aurangabad	Bangalore	Bhopal
Chennai	Coimbatore	Dehradun	Delhi	Goa	Guwahati
Gwalior	Hamirpur	Hyderabad	Indore	Jabalpur	Jaipur
Jalandhar	Jodhpur	Kerala	Kolkata	Lucknow	Madurai
Meerut	Mumbai	Mysure	Nagpur	Odisha	Patna
Prayagraj	Pune	Raipur	Ranchi	Srinagar	Vadodara

New centre can be started if it can enroll and sustainably maintainable:

- 100 member comprising of 50 New Life Members
- 2 New Life Organization Members residing in that area
- And carry out activities for the cause of Water.

INVITATION:

You are invited to serve the cause of effective management of this scarce resource "WATER"; by joining the IWWA

SAVE WATER, EVERY DROP COUNTS



INDIAN WATER WORKS ASSOCIATION

MCGM Compound, Pipeline Road, Vakola, Santacruz (East), Mumbai 400 055

NOTICE

The 56th Annual General Meeting of the Indian Water Works Association will be held at 18.00 hrs. on Friday, the 19th January 2024 at Bharathiar University (Govt. of Tamil Nadu), Maruthamalai Road, Coimbatore 641046 Tamil Nadu. Those who cannot attend in person may send their observations and views, with proxy empowered

AGENDA

- 1. To confirm the minutes of the 55th Annual General Meeting held on 20th January 2023 at Pune.
- 2. To consider and adopt the Annual Report of the Association for the period 1st April 2022 to 31st March 2023.
- 3. To consider and adopt the Consolidated Audited Statement of Accounts for the year ended 31st March 2023.
- 4. To appoint Auditors for the period 1st April 2023 to 31st March 2024 and fix their remuneration.
- 5. To approve the Guidelines for Youth Forum for Water.
- 6. Any other matter with the permission of the chair.

Mumbai

Date: 1st January 2024

Sd/-

(Basanta Kumar Parida) Hon.General Secretary

Note:

- 1) The Annual report covering consolidated accounts (Balance sheet and the Income and Expenditure statement) along with centre's accounts as its annexure are displayed on IWWA website www.iwwa.info. The members willing to view the details are requested to please send their request on email iwwahq@gmail.com and/or amar.sharma@margsot.com
- 2) Please send your queries and questions about the Annual report and Annual accounts before 8th January 2024 to IWWA's HQ Office address, so that the same may be put up before President



COUNCIL OF MANAGEMENT FOR 2022 -2023

<u>A)</u>	JNCIL OF MANAGEMENT F OFFICE BEARERS				
1	Er. P.K. Sinha President	2	Er. Subhash B. Bhujbal Vice President	3	Er. D.B. Panse Hon. General Secretary
4	Dr. R.K. Shrivastava Hon. Jt. Secretary	5	Er. T.D. Bisen Hon. Joint Secretary	6	Er. R.B. Bambale Hon. Secretary (Finance)
7	Dr. Hanumantha Chary Hon. Director (Admn.)	8	Dr. H.K. Ramaraju Hon. Director (Int'l)	9	Er. Anil Kumar Gupta Hon. Director (Technical)
10	Dr. Shweta Banerjee Hon. Director (Utility)	11	Er. Vijay Charhate Hon. Director (YFW)	12	Dr. M.L. Agrawal Hon. Editor (Journal)
13	Dr. M. Satyanarayana, Immediate	Past Pr	resident		
<i>B)</i>	CO-OPTED-MEMBERS				
1	Dr.Smt. Kalpana S. Bhole	2	Ar. Arshiya Qureshi	3	Er. Ravina R. Naik
4	Er. Ashalata Gupta	5	Er. Nathubhai M. Patel	6	Er. Ravindrakumar S. Solanki
7	Er.Rohidas M. Naik	8	Er. Rajendra Kumar Jain	9	Er. Ashutosh Kumar Rai
10	Dr. D.D. Ozha	11	Er. Pradeep S. Kolhe	12	Er. Bhavik Rathod
13	Er. Anil K. Srivastava	14	Er. Sanjay Kumar Singh	15	Er. Virendra P. Dehdrahi
16	Er. M. Rangadhamaiah	17	Er. T. Naveen Reddy	18	Er. Reyaz Alam
19	Er. R.K. Choubey	20	Er. Tapali Shah	21	Er. Shrikant M. Dhond
22	Dr. Vivekanand Singh	23	Er. K.B. Wadhavane	24	Prof. Dr. Parag Sadgir
25	Er. Jeyachandran R.	26	Er. Rajendra Singh Bhadauria	27	Er. Komal Prasad
28	Er. Udit Garg	29	Er. Vilas E. Pawar	30	Er. U.V. Desai
31	Er. Smt. U. Nalinakshi	32	Dr. Satish Deshmukh	33	Er. Ravi Kant Garg
C)	EX-OFFICIO MEMBERS				
No	. Chairman		Hon. Secretary		Centre
1	Er. Bhavik Ambalal Rathod Er. Prakash H. Shah		Er. P.G. Gadani		Ahmedabad
2	Er. Santosh Shriram Gawhanka	r	Er. Ajay O. Malokar		Akola
3	Er. Chandrakant Rajkumar Gajl Er. Prashant D. Bhamare	ohiye	Er. Anand W. Jawanjal		Amravati
4	Dr. Upendra D. Kulkarni		Dr. Sunil D. Shinde		Aurangabad
5	Er. B. Srinivasa Reddy		Er. Pravithra Er. K.S. Renukumar		Bangalore
6	Er. K.K. Songaria		Er. Anurag Shrivastava		Bhopal
7	Er. R. Ragunathan		Er. S.T. Gopalram		Chennai
8	Er. M. Mathiyalagan		Er. K. Elangovan Er. K. Chellamuthu		Coimbatore
9	Er. Bhajan Singh		-		Dehradun
10	Er. Kanwarjit Singh		Er. Praveen Bhargava		Delhi
11	Er. Virkumar Sawant		Er. Satyesh Kakodkar		Goa
12	Dr. Milanjit Bhattacharya Er. J.R. Borthakur		Er. Pranjal K. Bohra		Guwahati
	Er. S. K. Andhwan		Er. K. K. Shrivastava		Gwalior
13			Er. U.S. Pandey		



\smile			
15	Dr. M. Satyanarayana	Er. M. Konda Reddy	Hyderabad
16	Er. N.M. Quraishi	Er. Mahendra Khare	Indore
17	Er. Pramod Kumar Maidamwar Er. H.S. Gond	Er. Sharad Gupta	Jabalpur
18	Er. O.P. Goyal	Er. G.R. Gupta	Jaipur
19	Er. Er. K.S. Saini Er. B.R.Bansal	Er. Rajesh Dubey Er. K.S. Saini	Jalandhar
20	Er. K.M.L. Mathur	Er. R.K. Vishnoi	Jodhpur
21	Er. Soloman Fernandez	Er. Rajagopalan E.V.	Kerala
22	Dr. Arunabha Mazumder	Er. Animesh Bhattacharya	Kolkata
23	Er. Sanjay Kumar Singh	Er. Kamal Singh	Lucknow
24	Er. K. Sakthivel	Dr. S. Chandran	Madurai
25	Er.C.K. Tyagi	Er. R.K. Agarwal	Meerut
26	Er. Manisha Palande	Er. P.B. Dalvi	Mumbai
27	Er. G.M. Madegowda	Er. Asif Iqbal Khaleel Er. M.R. Ramachandraiah	Mysore
28	Er. O.N. Mukherjee Er. N.M. Bangare	Dr. Isha Khedikar Dr. Kalpana bhole	Nagpur
29	Er. Hadibandhu Behra Er. S. Laxmi Pati	Dr. Bhakta Kabi Das Er. Basanta Kumar Parida	Odisha
30	Er. Ajoy Kumar Sinha	Dr. Nityanand Singh Maurya	Patna
31	Er. Subhash B. Bhujbal	Er. K.N. Pate	Pune
32	Er. G.C. Dubey	Prof. R.C. Vaishya	Prayagraj
33	Dr. M. L. Agrawal	Er. A.K. Sahu	Raipur
34	Er. Umesh Mehta	Er. Pramod Kumar	Ranchi
35	Er. M.Y. Reshi	Er. Farooq Ahmed Wani	
36	Er. Samir K. Tuli Er. L.K. Kota	Er. Jashvant G. Patel Er. Dhaval M. Shah	Vadodara

From The President's Desk



Dear Members of Indian Water works Association,

I wish you all a very happy and prosperous new year 2024!

It is an honour to be The President of the prestigious organisation Indian Water Works Association. I am thankful to all COM Members for showing faith in me, by electing me as President of the Prestigious Organisation (IWWA).

My tenure began with a 55th Annual Convention held at Pune. This convention will be remembered for a very long period for many good things. Pune convention was attended

by about 1400 delegates. There were 144 stalls exhibition with very good arrangements for the exhibitors and visitors. The exhibition was very well received by the exhibitors and visitors. First time, focused sessions, workshops and panel discussions included in the Annual Convention on contemporary topics. First time the Sarpanch of Gram Panchayats, the President of Municipal Councils participated in a panel discussion and exchanged ideas with the experts in the field. I am very thankful to the Organising Committee members and IWWA Pune centre for putting in immense effort. Guidance of the IWWA HQ and CoM was also very instrumental in organising this convention.

Immediately after taking over the charge of The President, first challenge was to complete the election of the office bearers. Which was completed as per the rules and new office bearers took over the charge as per the schedule. I am thankful to the CoM for patient support during the entire election process.

During my tenure focus was to increase the relevance and visibility of IWWA among the public in general and the government. A decision has been taken to prepare at least one report on a relevant topic of the sector and submit it to the state/central government. The panel of experts has been finalised. It is expected that under Er. Anil Gupta, Hon. Director (Technical), the first such report will be submitted this year.

This year was a very happening year as far as technical and other activities conducted by IWWA centres and HQ are concerned. During the last year, many centres celebrated World Water Day, World Environment Day, Engineers Day, IWWA Foundation Day etc. by conducting technical lectures, workshops, tree plantation, awareness programs and other activities. There was a very good participation of various stakeholders in these activities. If we just go through the Midstream, we can see that almost every IWWA centre conducted some kind of activity during this year. This is a very heartening picture of vibrant IWWA. During my tenure membership of IWWA increased by 768 members including 536 Student members. Nine student chapters at different colleges under the Youth Forum have been opened during this period. I am thankful to all centres for taking the objectives of IWWA forward.

IWWA Kolkata centre and Goa centre organised a one-day seminar along with the CoM meetings on 29/07/2023 and 07/10/2023 respectively. The two-day National Conference on "Rationales of Continuous Mode Water Supply (CMS) and Intermittent Mode Water Supply (IMS)" was organised by IWWA Mumbai Centre on 8th-9th September 2023. Special thanks to Kolkata, Goa and Mumbai centres for taking the initiative to host these very good events.

International Conference on "Towards Improved Urban Water for Sustainable Development in the Global South" was organised by IWWA HQ at Nashik on 24th and 25th November 2023. Expert speakers from countries like India, Bangladesh, Malaysia, Thailand, Nepal, France, Sri Lanka, South Africa, and Australia participated in the conference. During this conference, a CoM meeting was also held on 24th November 2023. After a very long period, an event was organised by IWWA HQ. I am very happy to share that this International Conference received an overwhelming response from the speakers, delegates and sponsors. This conference not only proved to be a very good technical event but also helped HQ to raise substantial funds. which are equal to that IWWA HQ receives from three annual conventions! I always thought of making IWWA a financially sound organisation, and I believe that this International Conference is successful in instilling confidence in IWWA HQ about hosting such programs in future at the HQ level. I count this as a major achievement of my tenure.

I am thankful to Dr. Dayanand Panse Hon. Director (Utility) and Dr. Parag Sadgir Hon. Director (International) for making lots of efforts as a convenor and co-convenor to make this conference successful. IWWA Pune Centre provided wholehearted support to organise the CoM meeting and the conference. Special thanks to Pune Centre.

The International Conference has also proved to be a very good networking event and opened up possibilities of collaboration of IWWA with IWA and other countries. Hon. Director (International) is working on it, and hopefully, in the near future, we can expect some MoUs.

Guidelines for Youth Forum for Water were due for revision and with the efforts of Dr. Arvind M. Mokadam Hon. Director (Youth Forum) same was approved in the CoM meeting at Goa. Hon. Editor Dr. P. N. Ravindra has taken the initiative to standardise the journal. He with the help of the IWWA Banglore Centre took the responsibility to develop software which will take care of all the stages of paper submission, scrutiny and finalisation for the IWWA journal. These efforts will make the whole process of submission, scrutiny, editing, and finalisation very smooth and efficient. I am thankful to the Hon. Editor and IWWA Banglore Centre for this initiative.

One of the important activities taken into hand during my tenure is the activation of dormant IWWA Centres. Rather than opening new centres this time, efforts are made to contact the Management Committee, and members of the dormant centres and motivate them to hold AGM and to start activities. Special thanks to Er. Komal Prasad Hon.Director (Administration) whose relentless efforts, and follow-up started bearing fruits! Jalandhar, Hamirpur and Guwahati centres have already been activated. The Dehradun Centre is expected to be activated before the Coimbatore Convention.

An application for renewal of a lease of the HQ building plot was rejected by the Municipal Corporation of Greater Mumbai. However, during my tenure, the process of renewal of the lease was initiated again. We had many meeting with MCGM officials. The proposal is under process now. This proposal is closely followed by HQ. I am thankful to Er. Ramesh Bambale immediate past Hon. Secretary (Finance) for continuous follow-up with MCGM. I am also thankful to Dr. Virendra Dehadrai present Hon. Secretary (Finance) for his support in this issue.

Last year as a Vice President, I learnt much more about IWWA, through guidance given to me by many senior members, especially the Past President, Past Hon. General Secretary and Office Bearers.

I am very much thankful to our Immediate Past President Er. P. K. Sinhaji for his very valuable guidance during all the COM Meetings held at various places.

I extend my heartfelt thanks and deep gratitude to all the COM Members, all office bearers, to all past presidents, all Directors of IWWA and all members for their support during my tenure.

Especial thanks to Er. B. K. Parida, Hon. General Secretary has been continuously in touch with me and regularly coordinates with the centres for the progress of the organisation. Big thank to Hon. Joint Secretaries Er. K. Elangovan and Er. Miss Raveena Naik for their continuous support.

I am thankful to our Administrative Manager Mr. Padhye and all the official staff of HQ for their cooperation.

I am fortunate to get the honour of the Presidency of IWWA at a comparatively younger age. I tried my best to take forward the organisation during my tenure. I will be passing the baton of Presidency to Er. M. Madhiyalagan ji during the 56th Annual convention at Coimbatore. During my tenure, I have been able to fulfil some of the promises I made, and I will try my best to fulfil on balance promises as a Past President.

I wish all the best to Er. M. Madhiyalagan ji for his tenure as President for the year 2024. I will provide my complete support to Er. M. Madhiyalagan ji in implementing his agenda and in strengthening the IWWA.

Thanks and Regards to everyone.

Er. Subhash Baban Bhujbal Hon. President, IWWA.



From Hon. General Secretary's Desk

Dear All Members,

Greetings for Very Happy and Prosperous New Year 2024.

I am very glad to present this 55th IWWA Annual Report 2022-2023 comprising of the summary of IWWA activities at HQ as well as Centre level during the year 2022-23, the proceeding of 55th Annual Convention 2022 held at Pune, reports from various Directors, names of awards and prizes winners. The annual report shall give you glimpse of IWWA's activities pan India through its 36 centres and the consolidated Audited statement of accounts for the year ended 31st March 2022.

It can be seen from the report that under the able leadership of Er. P.K. Sinha, President and Er. Subhash Bhujbal Vice President the centres by conducting various programs increased the visibility of IWWA. Some of our centres are doing very well, probably some more centres might also be doing equally well, but as their reports are not received, those could not be included in the report.

Digitization of records and revamping of website of IWWA and creation of separate revolving fund for implementation was one of the new achievements during the year.

In the month January 2023, under the able leadership of Er. Subhash Bhujbal President, we witnessed a very successful organization of 55th Annual convention at Pune

Er. M. Mathiyalagan was nominated as Vice President in convention held in January 2023 at Pune. New refurbished IWWA website was launched at the hands of Chief Guest Hon. Cabinet Minister Shri. Gulabrao Patil during convention.

The activities for the year 2022-2023 started with first COM meeting on 23.04.2022 at HQ Mumbai, second COM meeting on 30.07.2022 at Bhopal and the third COM meeting on 29.10.2022 at Bhubaneshwar. Pune centre hosted the Forth meeting held on 19/01/2023 at Pune during 55th Annual Convention 2023.

Our Hon. Editor Journal brought one and all issues of the quarterly Journal in time.

New IWWA Centre namely "IWWA Meerut Centre" at Meerut was opened on 5/06/2022.

In Memory of Late Shri. S.D. Mande former Hon. Secretary General of IWWA, Pune Centre started memorial lecture.

56th Annual Convention was awarded to Coimbatore Centre.

The election of Office Bearers and Co-opted Members for the year 2023-2025 was held and the results were declared in COM meetings held on 19/01/2023 and 25/03/2023.

I am sincerely thankful to the members of Council for giving me an opportunity to be General Secretary of this great and the foremost Association founded by Er. D.R. Bhise saheb.

We now have 36 centres and a strong membership of 13000 plus.

I express my sincere thanks to Er. P.K. Sinha and Er. Subhash B. Bhujbal for all the encouragement and support given to fulfill my responsibilities as General Secretary.

I extend my sincere and heartfelt thanks and deep gratitude to all past presidents who have provided the constant guidance, advice and helped me to do my work meticulously.

My sincere appreciation for the IWWA Hq. team ably lead by Mr. Prakash Padhye, Administrative Manager who always made sure the timely placing of matters to me and its disposal.

Wishing you all along with your family very Happy, Healthy, Prosperous and Joyful 2024.

Looking forward to welcoming you all to Coimbatore for the 56th Annual Convention and 56th AGM of IWWA.

Basanta Kumar Parida

Hon. General Secretary, IWWA.



55th ANNUAL REPORT

Head Quarter Activities for the period from 1st April, 2022 to 31st March, 2023

The President and the Council of Management of the Indian Water Works Association have great pleasure in presenting the 55th Annual Report of the Association for the period from 1st April, 2022 to 31st March, 2023

Srl.	OFFICE BEARERS	Meetings attended	Srl. No.	PAST PRESIDENT SPECIAL INVITEES	Meetings attended
1.	Er. P.K. Sinha	4	1.	Dr. Rajesh Gupta	4
2.	Er. Subhash B. Bhujbal	4	2.	Er. R.N. Gupta	3
3.	Er. D.B. Panse	5	3.	Er. S.S. Raghuvanshi	1
4.	Dr. M. Satyanarayana	2	4.	Er. B. Chandrasheker	1
5.	Dr. R.K. Shrivastava	3	5.	Dr. D.P. Singh	1
6.	Er.T.D.Bisen	1	6.	Er. K.M.L. Mathur	3
7.	Er. R.B. Bambale	5	7.	Er. O.P. Goyal	2
8.	Dr. D. Hanumantha Chary	3	8.	Er. B.S. Reddy	3
9.	Dr. H.K. Ramaraju	2	9.	Er. K.K. Songaria	2
10.	Er. Anil Kumar Gupta	4	10.	Dr. M. Satyanarayana	2
11. 12.	Dr.Shweta Banerjee Er. Vijay Charhate	- 4			
13.	Dr. M.L. Agrawal	2			
13.	Di. M.L. Agiawai	2			
Men	nbers				
1.	Dr. Smt. Kalpana S. Bhole	4	18.	Er.Reyaz Alam	-
2.	Ar. Arshiya Qureshi	2	19.	Er. R.K. Choubey	-
3.	Miss.Raveena R. Naik	3	20.	Er.Tapati Shah	1
4.	Ms. Asha Lata Gupta	2	21.	Dr. Vivekanand Singh	1
5.	Er. N.M. Patel	3	22.	Er.K.B.Wadhavane	5
6.	Er. Ravindrakumar S. Solan	ki 1	23.	Dr.Prof. P. A. Sadgir	4
7.	Er.Rohidas M. Naik	2	24.	Er. Jeyachandran R.	2
8.	Er. Rajendra Kumar Jain	4	25.	Er. R. S. Bhadauria	4
9.	Er.Ashutosh Kumar Rai	2	26.	Er. Komal Prasad	4
10.	Dr. D.D. Ozha	2	27.	Er. Udit Garg	1
11.	Er. Pradeep S. Kolhe	1	28.	Er. Vilas E. Pawar	4
12.	Er. Bhavik Rathod	-	29.	Er. U.V.Desai	2
13.	Er. Anil K. Srivastava	2	30.	Smt. Nalinakshi	-
14.	Er. Sanjay Kumar Singh	2	31.	Dr. Satish Deshmukh	1
15.	Dr. Virendra P. Dehadrai	4	32.	Er. Ravi Kant Garg	2
16.	Er. M. Rangadhamaiah	1	33.	Er. B.K. Parida	5
17.	Er. T. Naveen Reddy	3	34.	Er. Shrikant M. Dhond	-

EX-OFFICIO MEMBERS Chairmen and Secretaries of Centre

Meetings Attended	Secretary	Meetings Attended	Chairman	Centres	No.
-	Er.P.G. Gadani	-	Er.P. H. Shah	Ahmedabad	1.
3	Er.Ajay O. Malokar	1	Er. Santosh S. Gawhankar	Akola	2.
2	Er.A.W. Jawanjal	1	Prof.Arvind M. Mokadam	Amravati	3.
	Er.A.W. Jawanjal	1	Prof.Arvind M. Mokadam	Amravati	3.

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4.	Aurangabad	Dr.Upendra D. Kulkarni	-	Dr.Sunil Shinde	1
5.	Bangalore	Er.B. Srinivasa Reddy	3	Er. K.S. Renukumar	1
6.	Bhopal	Er.K.K. Songaria	2	Er.Anurag Srivastava	1
7.	Chennai	Dr.R.Ragunathan	-	Er.S.T. Gopalram	-
8.	Coimbatore	Er.M. Mathiyalagam	3	Er.K. Elangovan	2
9.	Dehradun	Er.Bhajan Singh	-		
10.	Delhi	Er.Kanwarjit Singh	-	Er.Praveen Bhargava	-
11.	Goa	Er. Virkumar Sawant	2	Er.Satyesh Kakodkar	2
12.	Guwhati	Er.J.R. Barthakur	-		
13.	Gwalior	Er.S.K. Andhwan	-	Er.Uma Shankar Pandey	1
14.	Hamirpur	Dr.R.L. Sharma	-	Er.Moti Ram Sharma	-
15.	Hyderabad	Dr.M. Satyanarayana	1	Er.M.Konda Reddy	3
16.	Indore	Er.N.M. Quraishi	2	Er.M.K. Khare	2
17.	Jabalpur	Er.Pramod Kumar Maidamwar	1	Er. Sharad Gupta	-
18.	Jaipur	Er.O.P. Goyal	2	Er.G.R. Gupta	-
19.	Jalandhar	Er.B.R. Bansal	-	Er.K.S. Saini	-
20.	Jodhpur	Er.K.M.L. Mathur	3	Er.R.K. Vishnoi	-
21.	Kerala	Er.Solomon Fernandez	1	Er.Rajagopalan E.V.	1
22.	Kolkata	Dr.Arunabha Mazumder	-	Er.Animesh Bhatacharya	-
23.	Lucknow	Er.Sanjay Kumar Singh	-	Er.Kamal Singh	-
24.	Madurai	Er.K. Sakhtivel	-	Dr.S. Chandran	-
25.	Meerut	Er.C.K. Tyagi	4	Er.R.K. Agarwal	1
26.	Mumbai	Mrs. Manisha Palande	2	Er.P.B. Dalvi	4
27.	Mysuru	Er.G.M. Madegowda	1	Er.J. Nataraj	-
28.	Nagpur	Er.N.M. Bangare	3	Dr. Smt.Kalpana S. Bhole	-
29.	Odisha	Er. S. Laxmipati Er. Hadibandhu Behera	1 -	Er. Basanta Kumar Parida Er.Dr. Bhaktakabi Das	5 -
30.	Patna	Er. Ajoy Kumar Sinha	2	Dr.N.S. Maurya	1
31.	Pune	Er. Subhash B. Bhujbal	4	Er.K.N. Pate	4
32.	Prayagraj	Er. G.C. Dubey	3	Prof.R.C. Vaishya	3
33.	Raipur	Dr. Magan Lal Agrawal	1	Er.A.K. Sahu	3
34.	Ranchi	Er. Umesh Mehta	3	Er.Promod Kumar	-
35.	Srinagar	Er. M.Y. Reshi	-	Er. Farooq Ahmed Wani	-
36.	Vadodara	Er. Samir K. Tuli	-	Er. Jashvant G. Patel	-

COUNCIL OF MANAGEMENT

The following five meetings were held during the year. The attendance for each meeting was as under:

Sr.No.	Meeting Date	Venue	Total Attendant
1.	23.04.2022	IWWA HQ Office	21
2.	29.10.2022	Bhubaneshwar	41
3.	19.01.2023	Pune	72
4.	25.03.2023	IWWA HQ Office	25

The average attendance was 40

ACTIVITIES AT HEAD QUARTER

- In the Council of Management meeting held on 19th January, 2023 at Pune, Er. Subhash B. Bhujbal, Vice President was elected as President of IWWA for the year 2023. At the same time by virtue of finalisation of the venue of the 56th Annual Convention at Coimbatore, Er. M. Mathiyalagan was elected as Vice President of IWWA for the year 2023.
- During the report period, four meetings of Council of Management were held.
- Messrs S.R. Mulye & Co., Chartered Accountants were appointed as Auditors of the Association for the year 2022-2023.
- The 55th Annual Convention hosted by IWWA Pune Centre was held in Pune during 20th 22nd January 2023.
- IWWA HQ celebrated Founder's Day on 10th October 2023.
- The 55th Annual General Meeting of IWWA was held on Friday, the 20th January 2023 at Messe Global Pune

Appeal from Hon. General Secretary to All IWWA Members

We are in process of updating data base of its all members. The contact details such as address, telephone / mobile numbers email id etc. of most of the members are either not available or have been changed. We are finding it difficult to keep liaison with our members in absence of the above details.

Further, the Association is exploring the possibility of providing e-Journal to all its members instead of print copy (as being provided now) as per the choice of the members. All members are requested to communicate their option for e-journal or print copy of the journal.

All members are therefore requested to forward above information to IWWA HQ on email: iwwahq@gmail.com

REPORTS FROM DIRECTORATES

ADMINISTRATION DIRECTORATE:

Administrative Committee:

Chairman

Dr. D. Hanumantha Chary - Hon. Director (Administration)

Members

Dr. Dayanand B. Panse - Hon. General Secretary
Dr. H. K. Ramaraju - Hon. Director (International)
Er. Anil Kumar Gupta - Hon. Director (Technical)
Dr. Magan Lal Agrawal - Hon. Editor (Journal)

Dr. P. N. Ravindra - Elected Hon. Editor (Journal)
Er. Ramesh B. Bambale - Hon. Secretary (Finance)

Members Nominated by COM

Er. K.M.L. Mathur - Past President and Chairman Jodhpur Centre

In all 17 applications for transfer of membership form Life Member to Life Fellow were approved in four Council meeting as under:

Date of Meeting Applications approved 23.04.2022 9 9 30/07/2022 2 29/07/2022 3 19/01/2023 3

In the Council meeting held on 29/10/2022 payment of Ex-gratia to HQ staff was sanctioned.

INTERNATIONAL DIRECTORATE

International Committee

Chairman

Dr. H.K. Ramaraju - Hon. Director (International)

Members

Er. Pramod Kumar Sinha - President, IWWA
Er. Subhash B. Bhujbal - Vice President, IWWA
Er. D.B. Panse - Hon. General Secretary
Dr. D. Hanumantha Chary - Hon. Director (Admn.)
Dr. D.P. Singh - Past President, IWWA

Er. B.Srinivasa Reddy
 Past President, Chairman Bangalore Centre
 Er. K.M. L. Mathur
 Past President, Chairman Jodhpur Centre

Dr. Parag Sadgir - COM Member
Miss Raveena R. Naik - COM Member
Ms. Ashalata Gupta - COM Member
Er. Jeyachandran R. - COM Member

One and half year gone without any activities because of COVID but from June - July onwards embassies started working effectively and were giving permission. Team of IWWA including past President Dr.M.Satyanarayana, Shri D.B.Panse, Dr. D. Hanumantha Chary and President Shri P.K. Sinha participated in India Business Forum of Singapore International Water Week (SIWW) programme held on $17^{th} - 21^{st}$ April 2022. It was a good interaction. The members from Govt. of India helped to have collaboration. There was good impression about our IWWA. On 5^{th} June the World Environment Day was celebrated on virtual mode only and delegates across the world participated. Shri P.K.Sinha inaugurated the function. Mr. B. Srinivasa Reddy was also there. On 15^{th} September the Engineer's Day was celebrated. In our 55^{th} Annual Convention about 10 to 12 delegates agreed to participate in programmes.

The International Directorate conducted five webinars.

TECHNICAL DIRECTORATE:

Technical Committee

Chairman

Er. Anil K. Gupta : Hon. Director (Technical)

Members

Dr. R.K. Shrivastava Member Dr. D.D. Ozha Member Prof. R.C. Vaishya Member Dr. N.S. Maurya Member Er. K. Elangovan Member Member Dr. Parag A. Sadgir Member Dr. P.K. Labsetwar Er. Ravindra Solanki Member Ms. Ashalata Gupta Member

Report of Technical Directorate of IWWA

Various activities conducted based upon reports and information received from various organizations & Centers are listed as below:



Directorate performed several activities related to B.I.S. such as attending meetings of various Sectional Committees on virtual platform, providing feedbacks and comments on behalf of IWWA to B.I.S. on various issues, acknowledging and taking appropriate actions on various communications received from B.I.S.

The other activities reported by the centres are as under.

Nagpur centre organized following technical activities during the period :-

Celebrated "Earth Day" on 22nd April, 2022.

Organized lecture on 30th April 2022 of well-known physician of the city Dr Abhijeet Ambhaikar to celebrate World Health Day.

Professor Dr.Rajkumar R. Khapekar, Associate Professor and Head of department of Botany, D.R.B. Sindhu Mahavidyalaya, Nagpur, Maharashtra delivered a talk to celebrate "World Biodiversity day" on 27th May 2022.

In association with ACCE, Nagpur Chapter and ICI, Nagpur Chapter Celebrated "World Environment Day" on 21th June, 2022.

Monthly lecture meeting for the month of July 2022 on 29th July 2022.

In association with India Concrete Institute (ICI), Nagpur centre organized monthly lecture for the month August 2022,

Lecture of Dr. Makarand Madhao Ghangrekar, Professor in Department of Civil Engineering. IIT Kharagpur to commemorate the celebrations of Engineers Day on 22nd September 2022.

In association with student chapter of VNIT, Nagpur a technical visit to Shankarpur WTP on Nagpur Peri-Urban WSS was organized on 3rd October 2022. Centre also conducted a field visit to Nildoh-Degdoh combined WSS conventional WTP of cap 14 MLD under construction. This program was made associating with Student Chapter of IWWA of G.H. Raisoni college of Engg.

World Environment Day-2022 was celebrated on 5th June 2022 by several Centers by organizing physical meetings, seminars, webinars, tree plantation, drawing & painting competitions and public awareness programs on this year's theme "Only One Earth".

Aurangabad, Ahmedabad, Banglore, Mumbai, Odisa, Amravati, Hyderabad, Kolkata, Indore, Gwalior, Goa, Lucknow, Prayagraj, Patna, Pune, Ranchi, Indore, Raipur, Jaipur, Jodhpur, Nagpur and newly formed Meerut Centre celebrated WED by organizing several activities. Meerut Centre was also opened on the same day and WED 22 celebration was followed by opening program which was attended by Hon. President, Hon. General Secretary and Hon. Director(Technical) representing IWWA HQ. Banglore Centre organized one day International Virtual Conference to commemorate the occasion on 4th June 2022. IWWA Nagpur centre organized a lecture meeting on 21st June 2022 to commemorate the day. Lucknow Centre organized mass tree plantation, poster making competition and seminar on this occasion.

Chairman, Jaipur centre organized a lecture meeting on 18th July 2022 on the topic of "Application of nanotechnology in water treatment". Speaker was Dr. Achintya, Visiting Professor to MNIT, from NDS University, US.

Ranchi and Meerut Centers organized mass tree plantation program in this monsoon season. Ranchi centre organized the program on 10th July 2022 and Meerut centre conducted the mass plantation derive on 14th July 2022.

Indore Centre had also conducted 13 webinars on different topics in collaboration with 'Alliance For Rivers in India' during this period.

Directorate has been taking continuous initiative to organize a national level one day seminar which was a part of Directorate's Activity Plan sent to all centers earlier. In continuous pursuance to this, Indore Centre organized an one day national seminar on 24th September 2022. Theme of the seminar "Protection, Preservation and Conservation of Water Sources".

IWWA Patna Centre organized one day seminar on topic of "Drinking Water quality" in the month of September 2022.

Various activities conducted based upon reports and information received from various organizations & centers during the Report period are listed as below:

- (1) Nagpur centre has reported to organize following technical activities during the period:
 - i. Monthly lecture on date 30-01-2023 at IWWA Hall, Shankar Nagar Square, Nagpur.
 - ii. Annual Late Dr P R Bhave Memorial Lecture" on February 20, 2023.
 - iii. Lecture on "Accelerating Change in Water and Wastewater Management" by Dr Atul Vaidya, Director, CSIR-NEERI to celebrate World Water Day on Thursday 23rd March, 2023 at IWWA Hall.

- (2) Jaipur Centre organized a technical lecture meeting on 6th February 2023 at 6 PM in Seminar hall of civil engineering department of MNIT, Jaipur.
- (3) Amravati Centre organized a very useful workshop on e-MB Software on 3rd February 2023 in association with Maharashtra Jeevan Pradhikaran Amravati.
- (4) Indore centre in association with Institute of Architecture organized an Expert Talk on 'How To Write Research Paper on 16th February 2023.
 - Indore centre also observed the Public Health Engineers Day on 8th March 2023 at the meeting hall of office of Chief Engineer, PHE Deptt, Indore.
- (5) Several Centers celebrated World Water Day on 22nd March 2023 by organizing diversified events such as seminars, technical talks, field visits, tree plantation, poster & drawing competition, slogan writings, marathon run, essay writing and other awareness programs etc. on this year's theme "Be The Change" to solve the water and sanitation crisis. Amravati, Akola, Aurangabad, Nagpur, Lucknow, Meerut, Jaipur, Jodhpur, Pune, Indore, Ranchi, Hyderabad, Bengaluru, Prayagraj, Kolkata, Odisha, Mumbai and Coimbatore Centers have reported to organize several events and activities on this day. Pune celebrated this event at Nashik with an expert talk on cleaning of Godavari River. Coimbatore Centre organized a Marathon to spread the awareness among the people.

At the end, I would like to thank Hon. President, Vice-President, General Secretary, all other office bearers, all chairman & secretaries of centers, all CoM members and all learned members of technical committee for their support, guidance and cooperation rendered to me during the session 2022-23 for successful functioning of Technical Directorate.

UTILITY DIRECTORATE:

Utility Committee

Hon. Director (Utility)

Chairman

Dr. Shweta Banerjee: Hon. Director (Utility)

Members

Dr. Hemant Landge

Dr. Rajesh Gupta

Dr. M.L. Agrwal

Dr. Dilip Sonwane

Er. Animesh Bhattacharya

Er. K.B. Wadhavane

YOUTH FORUM FOR WATER DIRECTORATE

Director Youth Forum for Water: The Hon. Director (YFW), Shri Vijay. S. Charhate

The following issues were discussed and decided in the four council meetings.

There are nine co-opted members and 4 directorates. Two co-opted members were proposed to be attached to each Directorates as per the choice of that centre to increase activities and feasibility also to plan programme in respective zones and include organising competition, institute awards etc.

- 1. Dr. Smt. Kalpana Bhole Hon. Secretary Nagpur Centre & COM Member had expressed her willingness to extend support for Western zone.
- 2. Mrs. Ashalata Gupta, COM member Raipur expressed her willingness to extend support for East Zone.
- 3. Ar. Arshia Quraishi to coordinate for central zone.
- For North Zone, Shri Vaishya of Lucknow centre was proposed and agreed to coordinate along with Er Tyagi of Meerut centre.
- 5. South Zone: Professor Satyesh Kakodkar of Goa Centre.

The centre wise activities were as under:

- 1. VJTI Mumbai: 53 Students applied. VJTI has also became life member organization member. Two Faculty members are the life member
- 2. Anjuman-I- Islam's A.R. Kalsekar Polytechnic, New Panvel. There were 32 applications received for YFFW.
- 3. Jaipur Centre: Total 11 Application were received from shri O.P. Goyal Chairman, Jaipur Centre of students from MNIT
- 4. Velammal Engineering College, Chennai: With the initiative of Dr. R. Ragunathan, Past President and chairman, Chennai Centre, Youth Forum Chapter was opened. Total 36 students were registered as member under youth forum.
- 5. Special Efforts made by Dr. Kalapana Bhole, Hon. Secretary Nagpur Centre was instrumental in enrolling more student members. Earlier, 24 Application were registered from GHRCE, Nagpur.
- 6. There after 70 members from three different colleges were added from the following colleges. a) VNIT, Nagpur b) KDKCE, Nagpur c) Raisoni College BY Nagpur centre.
- 7. The activity reports were received from YFW Nagpur Centre (GHFRC, VNIT, KDKCE), Mumbai (VJTI)
- 8. Anjuman I Islam AR Kalasekar Polytechnic New Panvel,
- 9. Reports from Deogiri Institute of management and engineering. Jaipur, Jalgaon, Chatrapati Sambhaji Nagar (Aurangabad), Pune, Chennai Student Members.
- 10. Medicaps University is to open a New Centres for Youth Forum for water Indore. This will be the 8th centre for youth Forum for water at Indore.
- 11. With these total centres under Indore centre are (a) Shri G.S. Institute of Technology and Science, Indore, (b) Malwa Institute of Technology and Science, Indore, (C) Prestige Institute of Engineering Management and Research, Indore, (d) School of Energy and Environment- DAVV, Indore, (e) Indore Institute of science and Technology, (f) Sushila Devi Bansal College, Indore, (g) Truba Institute of Engineering and Information Technology, Indore, (h) Swami Vivekanand College of Engineering.
- 12. New Student chapter of Youth Forum was opened in Ramdeo Baba College of engineering (RKNEC) Nagpur with membership of 54 student's members.
- 13. New Student Chapter of Youth Forum was opened at G.H. Raisoni College of Business Management. Jalgaon, Chhatrapati Sambhaji Nagar (Aurangabad) Centre is requested to Issue certificates to the individual students.
- 14. Goa centre declared to have a new centre of YFFW in association with Government Polytechnic, Bicholim.
- 15. Pune Centre Inaugurated IWWA Youth Forum for Water on 2/12/22 in PVPIT, Bavdhan, Pune.

The revised draft guidelines of youth Forum were prepared incorporating the previous common decision as approved on following points

- a. Making uniformity in fees for students as well as members of youth Forum for Water.
- b. Clarification to student membership and membership of youth forum for water circulated for suggestion/ comments. Discrepancy in membership fee for students who join directly and those coming through YFFW was resolved. The fees applicable to Youth Forum Student Chapter i.e., admission and yearly subscription fee is Rs. 150/- and Rs. 100/- respectively. This is applicable and shall be continued for all students. This stand is approved by AGM held on 22nd January 2023 at Pune.

INAUGURATION OF 55th Annual Convention of YOUTH FORUM FOR WATER

Venue of this session was at – Dr. Bhise Hall

Members of Youth Forum for Water - Bangalore, Indore, Pune, and from all over were welcome for their active participation. Appreciation was given for the youth in the opening session by Mr. Holani.

Followed by Director Youth Forum for Water Er. Vijay Charhate welcomed and addressed the audience, also proposed the way ahead for sustainable development of the environment and shared the information of technical sessions, paper presentation and competition for members of YFFW. Declared the session open for the students and members of YFFW.

Dr. HK Rama Raju along with members of Bangalore and other centre, organised a Cleaning and Sweeping by YFFW members of the area around hostels as a part of "public awareness program".

Director YFFW motivated the participants to learn from technical deliberation as that will be useful for their future this will give a chance to serve the society and environment at large. Zonal Coordinator and respective centres under the zone were motivated for interactive participation throughout the next session by holding.

- a. Submit technical articles and papers.
- b. Quiz competition
- c. Opportunities for carrier in water
- d. To share their experience after becoming a member of YFFW
- e. Organize Site Visit for Water/ Wastewater treatment plant and understand the working.
- f. Limiting polluting potential by Harvesting rainwater, taming the nallas by preventing entry of local contamination, to preserve the water way.
- g. Group discussions, debate, essay, and painting competition

He informed that Mr. Arvind Mukadam from Amravati centre is elected as Director YFFW and shall take charge from 1st of April 2023. Thanked the large participants and gave his blessing.

Student Members of YFFW participated in following proposed programs of 55th Annual Convention at Pune.

- A. Paper Presentation
- B. Poster Competition.

Students from different centres participated and presented papers. In Raman Hall and Modak Hall. Memento were presented to all the participants, chairperson, and speaker during the session. Paper presentations were also selected and recognized by presenting certificate of best paper. presentation.

The awards and appreciation certificates decided by selection committee for 2021-22 were finally awarded during the valedictory function on 22 Jan 2023 along with the other balance prizes/ awards.

- 1. The award for Best Centre of YFFW was given to department of civil engineering Saraswati College of engineering Kharghar, Navi Mumbai was selected. As Prof. Pooja Somani form the institute had left. Mumbai centre was requested to present the award in one of their prestigious meeting.
- 2. Appreciation of best member of youth award given to
 - a. Navyashree, VNIT, Nagpur
 - b. Thajesh Raja, Dayanand Sagar university, Bangalore
 - c. Purushottama, Dyanand Sagar university, Bangalore

EDITORIAL BOARD

Er. P. K. Sinha - President

Er. D.B. Panse - Hon. General Secretary

Dr. Magan Lal Agrawal - Hon. Editor (Journal)

Er. Ajay Kumar Sahoo - Hon. Editor(Midstream)

Ex-Officio Member

Er. Anil Kumar Gupta - Hon. Director(Technical)

Members of Review Board

Dr. Rajesh Gupta Dr. V.A. Mhaisalkar Prof. R.V. Saraf Dr. M.L. Kansal Dr. A.K. Nema Dr. Samir Bajpai Dr. Girish R. Pophali Dr. P.N. Ravindra Dr. D.D. Ozha Prof. A. Modadam

Er. Dilip G. Sonwane Er. P.K. Sinha

The Proposal given by the Editor to include the papers related to Air Pollution and Water being used for Agriculture purpose. in the scope of theme of Journal was discussed in COM. It was left to the editor to take the decision for selection of paper.

Due to circulation of soft copy of Journal since April-2019, it has become very popular and the flow of papers increased. Looking to the cost of printing/ posting of hard copy of Journal various measures were suggested to overcome with this Expenditure.

For the first time a paper from Jammu and Kashmir, was received.

Journal became very popular among research scholars mainly due to circulation of soft copy of Journal.

In response to the appeal made by the Chairman Bangalore Centre and the Hon. General Secretary, the COM members spontaneously contributed for Benevolent Funds which has been created for three purposes including printing of Journal. All four issues during the year were published timely.

Finance Division Highlights

Accounts Division

During 2022-2023, we have invested amount Rs. 24,50,000/- in fixed deposits. There is no source of other income except small amount from advertisement in the Journal. On the other hand the huge expenditure on payment of property taxes, printing and posting cost of Journal, Administrative expenses etc increased considerably. The Deposits upto 31.03.2023 now stand at Rs.224.63 lakhs. To meet the ever-increasing expenses, we will have to increase our income through Advertisements, Donations etc. It is necessary to make the Journal self sustainable. To Curtail the expenditure on printing of Journal, the possibility of restricting the number of printed copies and providing e journal to all members is being explored. We used to pay 10% incentive of the commutation fee received from Life Members, Life Fellows and Life Organisation Members to the Centres. The scheme started from 1 st September 1998 and so far an incentive of Rs.20.62 lakhs has been distributed to various centres. It is necessary that the centres should strive hard to make HQ financially strong through various measurers. To bring uniformity in accounts, formats have been sent to all the centres with a request to send their accounts in those formats only.

The income and expenditure of HQ office during report period is as under:

No	Expenditure	Amount	No.	Income	Amount
1	Total Salaries, Ex-gratia & PPF	19,42,309.00			
2	Administrative and General Expenses:		1.	Interest on Investment	10,30,601.00
a.	Security Charges	45,859.00	2.	10% Incentive to the Centre	1,31,630.00
b.	Telephone Charges	14,123.00	3.	Admission Fee	2,79,400.00
c.	Postage (excluding Journal and Midstream)	19,678.00	4.	Adm. & Other Charges Recd	2,96,200.00
d.	Staff Welfare	8,800.00	5.	Transfer fee	4,500.00
e.	Printing & Stationery Charges	98,301.00	6.	Interest on Saving A/c	16,200.00
f.	Electricity charges	31,880.00	7.	Annual Subscriptions	80,500.00
g.	Water charges	97,820.00	8.	Journal Subscriptions	23,372.00
h.	Municipal Tax	3,09,366.00	9.	Advertisement	3,66,580.00
i.	Honorarium and Professional fees & Audit fees	1,09,513.00	10.	Donations	101934.00
j.	Bank charges & Locker charges	8,536.00	11.	Sale of Publication	60,590.00
k.	Travelling & Conveyance	7,052.00	12	Miscellaneous Receipts	5,906.00
1.	Meeting Expenses	14,114.00	13.	Contribution from Annual Convention	16,02,886.00
m.	Misc. Expenses & General Exp	32,718.00	14.	Benevolent Fund	6,13,966.00
n.	Insurance Charges	5,906.00	15.	Interest on IT Refund	78,710.00
0.	Repairs & Maintenance	18,617.00			
p.	Software Expenses	69,250.00			
q.	Sale of Publication	2,638.00			
r.	Discount given	23,600.00			
	Total	28,60,080.00			
3.	Journal + Midstream printing & Postage	9,91,921.00			
4.	Other Expenses on Objectives				
	1. Website Maintenance Expenses 50,000.00				
	2. Leave Travel Allowance 7,500.00				
	3. Late Fee paid for GST/TDS 1,860.00				
	4. Depreciation 88,263.00				
	5. Wesite Designing Charges 4,22,495.00				
	6. Annual Convention 4,075.00	5,74,193.00			
5.	Excess of Income over Expenditure	2,66,781.00			
	Grand Total (1+2+3+4)	46,92,975.00			46,92,975.00



55th ANNUAL CONVENTION REPORT



55th Annual Convention of IWWA was held on 20th to 22nd January 2023 at Messe Global, Hadapsar Pune. The Inaugural function was started well in time on 20th January with arrival of Chief Guest Hon'ble Shri. Gulabrao Patil, Cabinet Minister, Water Supply and Sanitation, Govt. of Maharashtra. The Guest of Honor Shri Sanjeev Jaiswal, Principal Secretary, Govt. of Maharashtra. Shri. Abhishek Krishna, IAS, Member Secretary, Maharashtra Jeevan Pradhikarn, Dr. Hrishikesh Yashod, IAS, Mission Director Jal-Jeevan Mission Maharashtra State, Er. Subhash B. Bhujbal, President, IWWA, Er. P.K. Sinha, Immediate Past President, IWWA and Er. D.B. Panse, Hon. General Secretary, IWWA were present. Prof. Dr. Nitin Raghunath Karmalkar, Hon'ble Vice Chancellor, Savitribai Phule Pune University delivered N.V. Modak Memorial lecture on topic "Water and Sustainable Development". V.Raman Endowment lecture was delivered by Dr. Rajendra Sende, Forer Director UNEP, Co-ordinating Lead Author IPCC, Founder Director of Green TERRE Foundation, Pune on topic "The FEW' Chanllenge of our Century Food, Energy and Water nexus".

Highlights of Convention

- 1. The theme of the convention was Sustainable Management of Water & Sanitation: availability for all
- 2. A Souvenir containing technical papers and other information was also published on this occasion which was unveiled by the Hon'ble Cabinet Minister Shri Gulabrao Patil.
- 3. The Exhibition was inaugurated by the Chief Guest and Guest of honour who visited many stalls and enquired about the innovative products. All 144 stalls were occupied with some of stalls dedicated for IWWA.
- 4. After technical sessions the valedictory function was organized at 5pm. The Chief Guest of the function was Shri. Atul Kapole, Executive Director, MKVDC, Pune.
- 5. IWWA awards were distributed in inaugural and valedictory function by Chief Guests. The remaining awards were given by President & Past President IWWA.
- 6. AGM of IWWA was also conducted on 20th January at 5.30 pm in which the entire agenda were taken up and approved.

Recommendations of 55th IWWA Convention 2023 at Pune

Based on the papers presented and views expressed by the eminent speakers, the recommendations of 55th IWWA Convention for consideration of Central/ State Government are as under:

- 1. Socio economic aspects of the national and state level water aspects needs to be implemented
- 2. SDG 6 implementation to be achieved by 2023.
- 3. Circular economy of water to be introduced step by step.
- 4. Public Government partnership to be enhanced and effectively implemented.



- 5. Effective application of IoT and AI in water and Wastewater sector for better management.
- Research and development studies of modern and advanced technologies to adopt in Indian conditions. Dure to change
 in raw water quality and awareness among end users' need to revision in drinking water standards and selection of
 water source conditions.
- 7. Revision in conventional water treatment system due to change in raw water quality and presence of BOD and other pollutants.
- 8. Rural Water Supply shall integrate with wastewater collection with treatment and disposal.
- 9. Fecal sludge and septage management of grass root level capacity development to handle water and wastewater treatment efficiently.
- 10. Development of confidence in mind of people about safe drinking water quality provided by public water supply drink from tap water.
- 11. Requirement of Policy for disposal of treated or polluted water in terms of self- purification capacity of river or streams.



ACTIVITIES OF CENTRES

The Following centres have not submitted audited accounts for 2022-2023.

Dehradun Guwahati Hamirpur Jabalpur

Madurai Jalandhar Kerala

The Following centres have not submitted Annual Report for 2022-2023.

Ahmedabad Akola Aurangabad Bengaluru Bhopal Chennai Coimbatore Dehradun Delhi Guwahati Hamirpur Hyderabad

Jabalpur Jalandhar Kerala Madurai Mysure Patna

Prayagraj Raipur Srinagar Vadodara

1. AMRAVATI CENTRE

Technical Activities of Amravati Centre						
Day	Date (dd/mm/yy)	Speakers	Number of Corporate Participants	Number of Non-Corporate Participants	Associate with any Forum	
World Environment Day (5th June)	06.06 22	Dr. Sangeeta P. Ingole, Prof. Shri Shivaji College, Amravati	25	175	GCOE Amravati & I EI Amravati Centre	
Independence Day	15.08.2022	Er. Pradeep Khawale, Chairman IEI	40	50	IEI Amravati Centre	
Engineers Day	15.09.2022	Er. Dhananjay Dhawad Formar Secretary PWD Mumbai.	200	400	IEI Amravati Centre	
Technical Field Visit 'Amrut Water Supply Scheme' Dist Yavatmal	26.11.2022	Er. Pradeep Kolhe EE ZP Yavatmal	20	30	IEI Amravati Centre	
Visit to 'Tipeshwar Wildlife Sanctuary; Dist Yavatimal	27.11.2022	Er. Pradeep Kolhe EE ZP Yavatmal	20	20	IEI Amravati Centre	
Opportunities for Students in research area in World organizations like NASA, NOAA	29.12.2022	DR. Tarendra Lakhankar, Nasa Scientist	40	360	IEI Amravati Centre & Abhijeet Men Academy, Amravati	
Foundation Day	07.01.2023	Er. Girish Joshi CE, PWD Amravati	20	30	IEI Amravati Centre	
Technical visit to i.RCC Bridge at Walgaon' ii. Ancient Step Well at Mahimapur iii. Reuse/Cleaning of waste water project: iv. Anandeshwar Shiv Temple, Lasur:	07/02/2023	Er. Anand Jawanjal Hon. Secretary IWWA, Amravati	20	30	IEI Amravati Centre	
World Water Day (22nd March)	22/03/2023	Er. S. R. Katkade CE, MJP Amravati	50	150	Maha. Jeevan Pradhikaran & IEI Amravati Centre	

2. GOA CENTRE

The managing committee for 2022–23 took charge on April 1, 2023, and carried out various activities.

- World Water and Environment Day was celebrated on June 3, 2022, at P.W.D. Head Office Hall. Er. Nilesh Cabral, Minister for P.W.D, was the Chief Guest, while Er. Uttam Parsekar, Principal Chief Engineer, was the Guest of Honour.
- On August 1, 2022, the IWWA Goa Centre along with PWD Division IX celebrated Vanmhostav at Margao.
- On August 18, 2022, the IWWA Goa Centre along with PWD Division XII celebrated Vanmhostav at Salaulim Water Treatment Plant in the presence of Er. Nilesh Cabral, Minister for PWD.
- On August 18, 2022, the IWWA Goa Centre organized a talk on water conservation for New Educational Institute Curchorem students. Er. Virkumar Sawant, Chairman of IWWA Goa, delivered the talk.
- On October 14, 2022, IWWA Foundation Day was celebrated. Er. Puneet Kumar Goel, Chief Secretary, Goa, was the Chief Guest.
- Students Chapter of IWWA Don Bosco College of Engineering was installed on November 29, 2022, in the presence of Er. Arvind Patil.
- On February 10, 2023, the IWWA student chapter was installed in the presence of Dr. Vivek Kamat, Director of Technical Education.
- On February 28, 2023, a talk on water conservation was delivered for the Holy Rosary Convent High School Nuvem Goa students.

Apart from all the above activities, monthly meetings were also conducted.

3. GWALIOR CENTRE

Following activities conducted during 2022-23:

- 1. World Health Day Program organised by centre on 7th April,in view to create awareness by using safe & protected drinking water to prevent water borne diseases maintaining good health& sanitary conditions of human beings.
- 2. World environment day WED celebrated on 5th June, in association with MITS Gwalior, eminent speakers engineers, students member's took part in program, mentioning importance & causes of pollution in environment due to repist development, global warming, change in climate, industrialisation, pollution due to Land, water, air responsible for disturbing sustainable environment.
- 3. Tree plantation The day was celebrated on 29th July focussed on sustainably in harmony with nature, in view of awareness to reduce pollution trees were planted at motijheel, in premise of water filteration plant by members engineers, technicians related with job of water works staff from PHED, Municipal corporation Gwalior.
- 4. Engineers Day The day was celebrated on 15th Sept, in honour of Bharatratna sir M Visewesarya for his outstanding works in field of civil engineering including water supply, construction of major hydro structure This program was associated with the institution of engineer's Gwalior centre Nos of dignities engineers members attended the day.
- 5. IWWA Day Foundation day celebrated on 10th October in the office Morar, by paying homage to Er Bhise, founder President Er Saraswat graced the program Er RS Bhadoriya, Er Agrawal Er Pandey also put their thoughts on the day.
- 6. Energy conservation day it was celebrated on 14th December jointly in association with I E I, centre with the objective to reduce the use of energy & encourage people to use it efficiently program attended by members and technocrats.
- 7. Public health engineers day Celebrated on 9th march2023 venue Galab guest house, us Pandey organised program in worthy kind presence of engineers of PHED, members of IWWA on highlighting the importance & role of members to identify the problems and to solve the difficulties in coordinating with concerned stakeholders, guidance from seniors.
- 8. world water day The day was celebrated on 22nd march venue conference hall Ambassador hotel Gwalior with the theme Accelerating change Be the change you Er Bhadoriya COM prof Batra, Er Pandey, Er Agarwal kept their nice thoughts, sharing their life long experience in field of urban rural was, focusing on theme.

Thus total 8 nos of Activities/events were carried out by Gwalior centre, submitted for kind perusal

4. INDORE CENTRE

During the year 2022-23 the major activities carried out are workshops, seminars, Lecture meeting etc. of Indore Centre of IWWA are as under.

A) Working committee meeting:-

The Centre has conducted total Ten(10)nos. different working committee meeting in the year 2022-23.

B) Technical activities:-

The technical activities carried out by the centre are as under:

(1) Lecture Meeting:

Total Four (04) lecture meeting have been conducted by the centre, during the year 2022-23

No	Date	Topic / Event	Place	Speakers
1.	05.6.2022	Water Distribution System	PHED Office	Dr.R.K. Shrivastava
2	9.08.2022	Design of W.T.P.	SGITS Indore	Dr.R.K. Shrivastava
3	22.08.2022	Operation of S.T.P. Plant	Eicher Co.	Er. Komal Prasad
4	17.09.2022	Planning and Working of SCADA	Virtual Meeting C.E. Office	Er. Amit Saxena

(2) Site Visit:

Total Four (04) Nos. of Site - Visit have been organized by the Centre during the year such as factory, under construction w/s projects under execution waste T.P., laying of sewer line etc.

No.	Date	Name of site	Place	Visit Co -coordinator.
1.	14.06.2022	W.T.P. at Ujjain	Ujjain	Visit Co-coordinator
2	09.08.2022	Student and Staff of S.V Engg. College+SGSITS at Kabitkhedi	Indore	Er. K.K. Shrivastava
3	13.09.2023	STP at Harsiddhi, Indore	Indore	Er. N.M. Qureshi
4	24.01.2023	Visit to Narmada Project	Jalood	Er. Sanjeev Shrivastava

3) Film Show / Slide Show/ Power Point Presentation:

Total Four (04) Nos. power point, photo film/slide show have been organized by the centre

4) Seminar and Workshop:

Different seminars and workshops organized during the year (total 06) at local level.

No	Topic	Place
1	Water Auditing	IPS College
2	Carrier infield of Water	Acropolis College, Indore+SAGE University
3	Rain Water Harvesting, Aastha Vardha Ashram	Rotary Club, Indore Greater + IMC
4	Rejuvenation of Khan River improvements	IMC Office, Indore

Public Importance Extension Activities.

- (i) Members of I.W.W.A. organized different public importance activities on difference location i.e.
 - a) 1075 trees planted at Indore Distt.
- (ii) Different activities for Awareness of Environmental protection with
 - Tree Plantation and supervising survival follow up.
 - Water conservation for school /colleges, hospitals and hotels to create awareness.

D) Webinar Press and Radio talk (NET):

- a. Dr. Dilip Waghela, Surendra Mohan Sharma and Er. O.P. Joshi released press note on different topics
- b. 1-Er. Umesh Agarwal, 2) Er. N.M. Qureshi, 3) Dr. R.K. Shrivastava, 4- Er. S.M. Sharma, Delivered talk on general topics like conservation of water, water quality, public awareness, various unit operations of WTP, harvesting and recharge methods of water

E) Medal Award:

Gold Medal Award:

No nomination not received this year hence the award could not given to any student

F) Annual General Meeting

The annual general meeting was scheduled on 29.03.2023 well in time the report and audited A/c were circulated to member of centre, the meeting held at office of the Association (PHE Office) on the scheduled date and 32 members attended the AGM

G) Annual report & Submission of A/C.:

The audited A/c. from 01.04.2022 to 31.03.2023 (Annual) has been completed, signed and reviewed by C.A. which has been sent along with annal report to HQ.

H) Membership drive:

The centre has added some Nos. members to Association (as per HQ record)

I) Training Courses:

Centre has Organized field training to PHE Staff, Training to students of different college for Efficient and sewage treatment plant, laying & jointing of Pipe process to IM Engineers total no. Five(05).

J) Arrangements of special Events:

- (a) 05.06.2022 (World Env. Day),
- (b) 15.09.2022 (Engineer's Day along with plantation),
- (c) 10.10.2022 (I.W.W.A. Foundation Day)
- (d) 09.03.2023 (P.H.E. Day)
- (e) 22.03.2023 (World Water Day)

Large members of IWWA attended annual convention of IWWA at Pune.

K) Proposal for Best Lecture Award:

Nomination for the best lecture of IWWA centre delivered by Er. S. Sudeep Bhatnagar of Nestek Co. on dated 24.09.2022 on SCADA Planning and operation.

These are the major activities carried out / Conducted by Indore Centre IWWA for the year 2022-23.

5. JAIPUR CENTRE

Jaipur Centre of IWWA undertook number of activities during the year 2022-23. As is known, the country faced the problem of Covid pandemic but situation gradually improved and physical activities starting taking shape. Accordingly during this year we started switching from virtual to physical meetings.

During 2022-23 in all three meetings of the Executive Committee were held on the following dates:

- 1. 5th July 2022
- 2. 2nd September 2022
- 3. 22nd January 2023

All Executive Committee meetings were held on virtual platform but detailed interactions took place resulting in good number of technical activities.

Following technical lectures were organized on virtual platform during the year:

- 1. "Application of Nano Technology in water Treatment" by Dr. Achintya FND State University USA and Vising Professor on Nano Technology at MNIT, Jaipur on 18th July 2022.
- 2. "Case Study of rain water harvesting and conservation of Water" by Shri V.K. Chhabra, Retired Chief Chemist, PHED on 15.09.2022

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- 3. 'Constructed wet lends: An economic alternative for waste Water Treatment in Rural and Urban communities; Dr. Dinesh Poswal, on 6th February 2023.
- 4. 'Transforming Andhi village into Zero waste through green technology intervention' by Dr. Sudipti Arora, Founder Director of 'Prakrit' and field demonstration of Project 'Zero waste in Dr. B. Lal Institute of biotechnology Jaipur campus.
- 5. 'All above webinars were well attended and useful extensive discussion followed the presentations. A report on each presentation was submitted to HQ immediately for uploading on IWWA website and publication in Midstream.
- 6. Jaipur Centre also celebrated following important days:
 - 1. Engineer's Day on 15.09.2022.

6. JODHPUR CENTRE

The Managing committee of Jodhpur Centre is pleased to put up the annual report centre for year 01.04.2022 to 31.03.2023

- 1. Er. K.M.L. Mathur Chairman
- 2. Dr.D.D. Ozha Vice Chairman
- 3. Er. R.K. Visnoi Secretary
- 4. Er. Naresh Mathur
- 5. Er. N.S. Kachhwah
- 6. Er. Kamal Mehta
- 7. Er. Kumud Mathur
- 8. Dr. P.K. Ghose Member
- 9. Er. K. K. Mathur
- 10. Er. Nakshatra Singh Member
- 11. Er. D.K. Periwal
- 12. Er. Dinesh Goyal Member

Activity:

- On 15th September Engineering Day was celebrated, 35 members were present with followed by dinner.
- On 22nd March World Water Day was celebrated, 35 members were present with followed by dinner.

7. KOLKATA CENTRE

Annual Report of Indian Water Works Association - Kolkata Centre 2022-23

The Indian Water Works Association- Kolkata Centre was established in the Year 1993-1994 and since then this Centre has done hump teen no. of activities including 2 nos. IWWA Annual Convention in 1998 and in 2015 with grand success. The centre has also organized different seminar in different fields. Recently the centre have concentrated on the activities that can generate fund and thus help to enhance the financial stability.

The Centre celebrated "World Environment Day" on 06th June 2022 followed by one presentation on "Changing Climate and Impact on Environment" by Dr. Jayanta Basu, Senior Journalist & Environmentalist and other on "Living Sustainability in Harmony and Nature" by Prof. (Dr.) Pradip Sikdar, IISWBM, Kolkata.

The Centre celebrated the "Foundation day (10th October) of India Water Works Association" on 15 th October 2022 The Centre also celebrated "Bijoya Sammiloni" on the same day.

The AGM of this Centre was held on 16th December, 2022 at Newtown Business Club, Action Area —l, New Town Kolkata. A presentation on "Innovation to Achieve 24 x 7 Water Supply" was also given by Mr. Nicolas Bockhoff & Mr. Prashant Raj, SUEZ India.

The Centre celebrated "World Water Day" on 25th March 2023 followed by one presentation on "Accelerating change to address evolving water and sanitation crisis" by Dr. Pragyan Bharati, WASH Specialist, UNICEF, Office for West Bengal.

The Centre currently have total more than 300 members in Life Member, Life Fellow and Life Organization Member category.

The Centre is actively taking part in the knowledge dissemination programme in various Government and Semi Government organization relentlessly.

8. LUCKNOW CENTRE

IWWA- Lucknow Centre organized and conducted various activities and programs in year 2022-23. The detail of programs and its brief reports are given below.

1. WORLD EARTH DAY, Date 22 April, 2022

World Earth Day, on this Years' theme "Invest in our Planet" was organized by IWWA Lucknow Centre in the campus of Bharwara STP, Lucknow.

On this occasion talks on the relevant topic were delivered by expert of U.P. Jal Nigam (Urban) and U.P. Jal Nigam (Rural). Tree plantation drive was organized on this occasion in the campus. On this occasion Er. P.K. Sinha, President IWA, Er. A.K. Gupts, Director (Technical) IWA and other distinguished guests were present.

2. World Environment Day 2022, Date 5th June, 2022

Indian Water Works Association, Lucknow Centre celebrated the World Environment Day 2022 on 5 June 2022 by organizing tree plantation Drive together with a poster competition on the theme decided by UN- "ONLY ONE EARTH" and a formal celebration which had discussions and speeches by eminent guests. The tree plantation drive was organised at Bharwara STP campus followed by poster competition.

The eveing event was started by welcome speech of Er. Rajesh Awasthy, Chief Engineer, Lucknow zone, U.P. Jal Nigam. The Chief guest was Er. Anoop Kumar Saxena, Ex. M.D. U.P. Jal Nigam. Other eminent guests and speakers Er. A.K. Gupta, Additional Director, Regional Centre for the Urban Environmental studies, Lucknow, Er. D.N. Yadav, Ret. S.E. U.P. Jal Nigam were present.

3. ENGINEERS DAY, Date 15 Sept. 2022

The 55" Engineer's Day was organized by IWNA Lucknow Centre at the prestigious Hotal Kasaya- Inn, Lucknow on 15" Sept.2022. The Chief Guest was Dr. Hiralal, IAS and the Special guest was Er. P.K. Sinha, President IWWA, Many other aminent and distinguished guests were present on the OCcasion. The Chief Guest, special quest and other speakers shared their valuable views and spoke about their experiences of field on this occasion.

4. IWWA FOUNDATION DAY CELEBRATION, Date 10th OCt. 2022

1VWWA Lucknow Centre celebrated the foundation day of IWWA on 10 Oct. 2022 in the Meeting hall of C & D. S., U.P. Jal Nigam, Lucknow. Er p K. Sinha, President IWWA, Er. A.K. Gupta, Director (Technical) 1wWA graced the occasion. On this occasion a sapling of Peepal was planted near the & D.S. office, Garlanding on the portrait of Er. D. K. Bhise and flowers offerings was done by all distinguished guests.

5. ONE DAY NATIONAL SEMINAR, Date 10th December 2022

A National Seminar on "Water Sanitation and Climete Change" on 10h December, 2022 at Hotal Genx Cassaya, Lucknow was organized by Lucknow Centre Mr. Anil Kumar, IAS, Managing Dirctor, U.P. Jal Nigam graced the occasion as chief guest. Er. PK Sinha. President, IWWA, Er. A.K. Gupta, Director (Technical), IWWWA, were the dignitaries present on the occasion. In the technical session learned speakers namely Dr. C.S.P. Ojha(Imperial College London), Professor, IIT(R), Dr. Sanjay Singh (IIM, Lucknow) Secretary Parmarth Samaj Sevi Sansthan. Dr. D.D. Ojha, Ex. Senior Scientist, Chemical Labs of Rajasthan, Jodhpur, Mr. Rajendra Kumar V. Saraf. Chairman Viraj Envirozing India Pvt. Ltd. Pune, Dr. R.K. Srivastava (|T- Delhi) Director Rdd. SGSITS Indore. Dr. Anurag Ohri, Associate Professor I|T (BHU), Varanasi and Mr. Abhayankar Das (JNU- Delhi) DGM. Hindustan Petroleum Corpn. Ltd. delivered their speeches on the topic.

6. WORLD WATER DAY, Date 22nd March, 2023

World Water Day, on this Years' theme "Accelerating Change" was organized on 22.03.2023 by IWWA, Lucknow Centre. On this occasion Mr. R.A. Yadav, Manager Rtd. (Ground Water), U.P. Jal Nigam delivered expert talk on the theme. Other speakers Er. Sanjay Kumar Singh, Er. S.K. Rai and Er. D.N. Yadav also delivered this speeches. On this occasion a massive tree plantation drive was organized at Bharwara S.T.P. Campus and other places of Lucknow.

About from above this year, 8-Committee meetings were held.



9. MEERUT CENTRE

ANNUAL REPORT OF IWWA-MEERUT CENTRE

(FROM 5TH JUNE 22 TO 31ST MARCH 23)

The Council of Management of IWWA in its meeting held on 23/04/2022 at IWWA HQ, Mumbai approved a new IWWA Centre as IWWA-Meerut Centre at Meerut. It was desired by the Council that the opening ceremony of the new Centre be kept on any auspicious day. Therefore, the opening ceremony of IWWA-Meerut Centre was organized on 5th June 2022 i.e. on World Environment Day. IWWA-Meerut Centre organized and conducted various activities and programs since its inception. The details of the programs and its report in brief are given below.

1. Opening Ceremony & World Environment Day 2022:

Opening ceremony of newly created IWWA-Meerut Centre was organized on the auspicious day of "WORLD ENVIRONMENT DAY 2022" in partnership with Institution of Water & Environment (India) at Hotel Bravura, Meerut on 5th June, 2022 with great enthusiasm. Er P.K. Sinha, President, IWWA, Dr. D.B. Panse, Hony. Secretary General, IWWA and Er. Anil K. Gupta, Director (Technical), Er. Anil Kumar Srivastava, Former Managing Director, U.P. Jal Nigam and SDG of IWE(I), Dr. Parvin Kumar, Director (Technical), NMCG, New Delhi, and Dr. Sunil Kumar Singhal, Professor, IIT Roorkee graced the occasion as Guests of Honor and participated as "Key Note Speaker" on the occasion.

Er. Komal Prasad, Past Hon. Secretary General IWWA, Er. Pradeep Bhargava, Hon. Secretary, IWWA Delhi Centre and Dr. Mukesh Kumar, Professor, Subharti University, Meerut were also present as guests and graced the occasion with their presence. Er. Surendra Mohan Sharma, Hony. Editor, IWWA-Meerut Centre conducted the program in an excellent manner. Er. Akhil Mittal, Former M.D., U.P. Jal Nigam, Er. Vijendra Vikramaditya, Former Chief Engineer, U.P. Jal Nigam, Er. D. Prasad, Former Chief Engineer (L-1), U.P. Jal Nigam, Er. A.D. Sharma, Former Chief General Manager, U.P. Jal Nigam were also present as the members of IWE(I). Around 40 members of IWWA attended and participated in the program.

2. Tree Plantation Programme on July 14, 2022 at Intake Works Dasna, Ghaziabad:

IWWA-Meerut Centre organized a Tree Plantation Program on 14th July, 2022 at Gangajal Intake Works Campus, Dasna, Ghaziabad. Er A.K. Srivastava, Former Managing Director, U.P. Jal Nigam graced the occasion as chief guest with his noble presence. Total 30 trees were planted on the occasion, out of which 5 trees are of Neem (Azadirachta indica), Another 5 trees of Amaltas (Cassia fistula), and 20 saplings of Ashoka tree (Saraca Asoca) were also planted.

3. Tree Plantation Programme on August 15, 2022 at 74 MLD STP Campus, Indirapuram, Ghaziabad:

IWWA – Meerut Centre celebrated Azadi Ka Amrit Mahotsav by organizing a Tree Plantation Program on our Independence Day, i.e., 15th August, 2022, at 74 MLD STP Campus, Indirapuram, Ghaziabad. Er. Sanjay Kumar Gautam, General Manager, Yamuna Pollution Control Unit, U.P. Jal Nigam, Ghaziabad was the Chief Guest on the occasion. Er. Bharat Bhushan, Superintending Engineer, U.P. Jal Nigam (Gramin), Meerut and Er. Sher Singh, (Retd.) Executive Engineer, Delhi Jal Board, Delhi were the Guests of Honour.

Saplings of Neem (Azadirachta Indica), and saplings of Ashoka Tree (Saraca Asoca), another ecofriendly tree, were planted on the occasion.

4. Engineers Day:

IWWA-Meerut Centre celebrated Engineers Day 2022 in partnership with IWE(I) at Gangajal Treatment Plant Campus, Pratap Vihar, Ghaziabad on 25th September, 2022. Hon'ble Sh. Harendra Agrawal, Chairman, BBDIT graced the occasion as Chief Guest. Dr. Satish Chandra, Professor, Civil Engineering Department, IIT Roorkee & former Director, Central Road Research Institute, New Delhi was "Key Note Speaker" on the occasion.

Er P K Sinha, President, IWWA, Er. Anil Kumar Srivastava, Former Managing Director, U.P. Jal Nigam and Secretary & Director General IWE(I), Er. R.P. Sharma, Chairman, Institution of Engineers-Ghaziabad Local Centre, and Er. Praveen Bhargava, Honorary Secretary, IWWA- Delhi Centre graced the occasion as Guests of Honor. Er. R.K. Garg, COM. Member, IWWA-Meerut Centre and DG (F), IWE(I), Er. Surendra Mohan Sharma, Hony. Editor, IWWA-Meerut Centre, Er. Shyam Lal Goel, Former Chief Engineer, UPJN & Er. Devendra Agarwal presented their views on the occasion. Overall, the program was attended by around 50 participants including Er. Akhil Mittal, Former M.D., U.P. Jal Nigam, Er.

D.S. Varshney, Retd. Superintending Engineer., U.P. Jal Nigam, Er. A.K. Dubey, Retd. Chief Engineer, U.P. Jal Nigam, Er. R.M. Kant, Retd. Chief Engineer, U.P. Jal Nigam, Er. P.K. Agarwal, Retd. Chief Engineer, R. K. Mittal, Retd Chief Engineer Er D. Prasad, Former Chief Engineer (L-1), U.P. Jal Nigam, Er. A.D. Sharma, Former Chief General Manager, U.P. Jal Nigam and many more retired/ working engineers.

5. IWWA Foundation Day:

IWWA- Meerut Centre celebrated IWWA Foundation Day 2022 at U.P. Jal Nigam Office campus, Civil Lines, Meerut on 10th October, 2022 by paying homage to Er. D.B. Bhise, Founder President of IWWA. Er. Rajeev Tyagi, Chief Engineer (Meerut), U.P. Jal Nigam (Rural), Meerut graced the occasion as Chief Guest. Er. Ravi Kant Garg, COM. Member, Meerut Centre, Er. Surendra Mohan Sharma, Editor IWWA- Meerut Centre along with around 20 members were present in the program. Er. Sushil Kumar Gupta, Er. Aakanshu Singh and Er. Anil Goel also put their thoughts on the occasion.

6. One Day Training Program For Assistant Engineers & Junior Engineers Of U.P. Jal Nigam (Rural):

IWWA-Meerut Centre conducted a one-day training program on 26th November, 2022 for the Assistant Engineers and Junior Engineers of U.P. Jal Nigam (Rural) on the subject "Rural Water Supply" at Conference room, 72 MLD STP, Kamalpura, Meerut.

Er. P.K. Sinha, President, IWWA graciously accepted the offer of being Chief Guest of the training program. Total 15 Engineers (5 Assistant Engineers and 10 Junior Engineers from 6 districts) took part in the training session. Er. Sarvesh Kumar, Chief Engineer (Retd.), U.P. Jal Nigam, having an experience of about 36 years in the field of designing water supply schemes, Er. Rakesh Kumar Agarwal, Chief Engineer (Retd.), U.P. Jal Nigam, having field experience of about 36 years in the execution of various water supply and sewerage projects, Er. Jagdeo Singh, Superintending Engineer (Retd.), U.P. Jal Nigam, having an experience of about 35 years in the field of electrical & mechanical works, delivered lectures on various aspects of rural water supply.

7. Technical Lecture Meeting On The Occasion Of National Energy Conservation Day On 14.12.2022:

IWWA-Meerut Centre organized a Technical Lecture Meeting on the occasion of National Energy Conservation Day at Ganga Jal Treatment Plant Campus, Pratap Vihar, Ghaziabad on 14th December, 2022. Dr. A.A. Kazmi, Professor, Environmental Engineering, Department of Civil Engineering, IIT, Roorkee graced the occasion as Guest of Honor and Key-note Speaker.

Er. C.K. Tyagi, Chairman, IWWA-Meerut Centre presided over the occasion. Er Ravi Kant Garg, COM member deliver a presentation on 'Solid Waste Management' Key Note Speaker & Guest of Honor, Dr A.A. Kazmi, Professor, Environmental Engineering, Department of Civil Engineering, IIT Roorkee, who has a vast and global experience in the field of Environmental Engineering presented a PPT on the topic "Wastewater and Sludge Treatment in India; Accomplishment & Needs".

Er. Anil Kumar Gupta, Director Technical, IWWA, Er. Suresh Chandra, Retd. Superintending Engineer, U.P. Jal Nigam, Dr. Sanjeev Narain Singh, Professor, Civil Engineering Department, IIMT, Greater Noida, Er. S.S. Karmyal, Retd. Executive Engineer, DJB also addressed the house on the occasion.

8. One Day Training Program For Assistant Engineers & Junior Engineers Of U.P. Jal Nigam (Urban) Conducted On January 06, 2023 :

IWWA-Meerut Centre conducted a one-day training program on 6th January, 2023 for the Assistant Engineers and Junior Engineers of U.P. Jal Nigam (Urban) on the subject "Urban Water Supply" at Conference room, Ganga Jal Project Campus, Pratap Vihar, Ghaziabad.

Er. C.K. Tyagi, Chairman, IWWA-Meerut Centre, Er. Surendra Mohan Sharma, (Retd.) Superintending Engineer, Er. Ravi Kant Garg, (Retd.) Chief Engineer were also present in the training session. Er. Moiz Kureshi, Executive Engineer and P.A. to CE (Ghaziabad) took part on behalf of Chief Engineer, U.P. Jal Nigam (Urban), Ghaziabad.

Er. Sarvesh Kumar, Chief Engineer (Retd.), U.P. Jal Nigam, Er. Rakesh Kumar Agarwal, Chief Engineer (Retd.), U.P. Jal Nigam and Er. Jagdeo Singh, Superintending Engineer (Retd.), U.P. Jal Nigam, conducted the training as resource persons in a manner to cover all the important aspects of Urban Water Supply viz. preparation of D.P.R., Design of water supply schemes, Water treatment Plants and Quality, Electrical & Mechanical works such as tube-wells, pumping plants, solar

system etc. A site visit of the 120 MLD Water Treatment Plant at Pratap Vihar was also conducted for the participants. Er. Unmesh Shukla, Project Manager, Gangajal Project Unit, Ghaziabad explained the working of treatment plant. Laboratory at WTP was also visited and the tests carried out at laboratory were explained by the Lab chemist.

Total 18 Engineers (4 Assistant Engineers and 14 Junior Engineers) took part in the training session.

9. World Water Day, 2023 at Meerut On March 22, 2023:

IWWA- Meerut Centre celebrated World Water Day 2023 at 22 b, The Resort, Meerut on 22nd March 2023 with great enthusiasm. Er. Anil Jauhri, Ex-CEO, National Accreditation Board for Certification Bodies, Quality Council of India, CDM Accreditation Panel Member - UNFCCC as Chief Guest. Dr. Rama Kant, Dy. Advisor, Ministry of Housing and Urban Affairs, Govt. Of India was "Guest of Honour & Key Note Speaker" on the occasion. Er. Chitra Kumar Tyagi, Honorary Chairman, IWWA Meerut Centre presided over the celebration program. Er Anil Kumar Gupta, Director (Technical), IWWA and Er. Bharat Bhushan, Superintending Engineer, UP Jal Nigam (Rural), Meerut, graced the occasion as Guest of Honor.

Key Note Speaker & Guest of Honor, Dr Rama Kant, Dy. Advisor, Ministry of Housing and Urban Affairs, Govt. Of India who has about 20 years of experience in urban water supply and sanitation including municipal solid waste management sectors and members of various central committees and Member of Bureau of Indian Standards & ISO committees present a PPT on the very interesting topic "24 x 7 water supply". He emphasized on the present challenges and solution in providing safe and 24 x 7 water supply in urban areas.

The presentation was appreciated by one and all. Er. Anil Jauhri, Ex-CEO, National Accreditation Board for Certification Bodies, Quality Council of India, CDM Accreditation Panel Member – UNFCCC, who has 42 plus years of experience in the field of quality, standards, certification and accreditation having worked earlier in the Bureau of Indian Standards, the national standards body and the Export Inspection Council and Chief Guest on the occasion addressed the house on the work being carried out in the field of water whether for drinking purpose or for other usage like irrigation. He talked about green water and blue water.

10. Managing Committee Meetings:

In addition to above major activities, IWWA-Meerut Centre conducted total 08 meetings of its Managing Committee in this year since inception of IWWA-Meerut Centre on June 05, 2022. The excerpts of these meetings are attached herewith.

11. Other Activities:

IWWA- Meerut Centre added about 70 new members to the IWWA family, out of which 2 are Fellow Members, 1 is Organizing member and rest are Life members.

EXCERPTS OF THE MANAGING COMMITTEE MEETINGS:

Total Eight meetings of Managing Committee were held in this year since inception of IWWA Meerut Centre. The various important decisions taken in these meetings are briefly given below –

EXCERPTS OF THE MANAGING COMMITTEE MEETINGS: Total Eight meetings of Managing Committee were held in this year since inception of IWWA Meerut Centre. The various important decisions taken in these meetings are briefly given below:—

- 1. The first meeting of Managing Committee of IWWA Meerut Centre held under the chairmanship of Er. C. K. Tyagi, Chairman, IWWA Meerut Centre. Total nine members and Er P K Sinha, President IWWA have participated in the meeting.
- 2. The second meeting of Managing Committee of IWWA Meerut Centre held on 14 July 2022 at 12:30 Hrs. at Gangajal Intake Works Office, Dasna, Ghaziabad under the chairmanship of Er. C. K. Tyagi, Chairman, IWWA Meerut Centre. Total eight members participated in the meeting, out of which 3 members were special invitee.
- 3. The third meeting of Managing Committee of IWWA Meerut Centre held on 15 August 2022 at Conference room, 74 MLD Sewage Treatment Plant, Indirapuram, Ghaziabad under the chairmanship of Er. C. K. Tyagi, Chairman, IWWA Meerut Centre. Total seventeen members participated in the meeting, out of which 13 members were special invitee.
- 4. The fourth meeting of Managing Committee of IWWA Meerut Centre held on 15 September 2022 at Gangajal Meeting Hall, Pratap Vihar, Ghaziabad under the chairmanship of Er. C. K. Tyagi, Chairman, IWWA Meerut Centre. Total nine members participated in the meeting, out of which 1 member was special invitee.

- 5. The fifth meeting of Managing Committee of IWWA Meerut Centre held on 10 October 2022 at Jal Nigam Office campus, Meerut under the chairmanship of Er. C. K. Tyagi, Chairman, IWWA Meerut Centre. Total eight members participated in the meeting, out of which 03 members were special invitee.
- 6. The sixth meeting of Managing Committee of IWWA Meerut Centre held on 14 December 2022 at Gangajal Treatment Plant Campus, Ghaziabad under the chairmanship of Er. C. K. Tyagi, Chairman, IWWA Meerut Centre. Total seven members participated in the meeting, out of which 02 members were special invitee.
- 7. The seventh meeting of Managing Committee of IWWA Meerut Centre held on 30 January 2023 at Jal Nigam Office campus, Meerut under the chairmanship of Er. C. K. Tyagi, Chairman, IWWA Meerut Centre. Total eight members participated in the meeting, out of which 03 members were special invitee.
- 8. The eighth meeting of Managing Committee of IWWA Meerut Centre held on 02 February 2023 at Ganga Jal Treatment Plant Campus, Ghaziabad under the chairmanship of Er. C. K. Tyagi, Chairman, IWWA Meerut Centre. Total six members participated in the meeting, out of which 01 members were special invitee.

10. MUMBAI CENTER

Annual Report for the period from 1st April 2022 to 31st March 2023.

Dear Members,

The Managing Committee with great pleasure presents herewith 42nd Annual Report on the working of Mumbai Centre along with statement of Accounts for the period 1st April, 2022 to 31st March, 2023.

1.0 Membership of Mumbai Centre as on 31.03.2023.

Sr.No.	Category	As on 31.03.2023	As on 31.03.2022	New Members
1.	Life Fellow	148	148	0
2.	Life Members	1166	1152	(+) 14
3.	Student Members	282	193	(+) 89
4.	Life Organization Members	119	114	(+) 05
	Total	1715	1607	(+) 108

2.0 Managing Committee:

During period of report, Three (3) meetings of the Managing Committee were conducted. Attendance members of the Managing Committee were as under.

S.N.	Post	Name of Member	Meeting Attended
1.	Hon. Chairman	Er. Manisha Palande	3
2.	Ex. Hon. Chairman	Er. R. B. Bambale	3
3.	Hon. Vice Chairman	Er. K. B. Wadhavane	3
4.	Hon. Secretary	Er. P. B. Dalvi	3
5.	Hon. Joint Secretary	Er. S.M. Vaidya	2
6.	Hon. Joint Secretary	Er. S.A. Pawar	2
7.	Hon. Treasurer	Er. A. S. Gadge	2
8.	Hon. Joint. Treasurer	Er. V. L. Naykodi	1
9.	Hon. Water Mentor	Dr. Smita Patil	1
10.	Head RWH Cell	Er. U. N. Paranjpe	2
11.	Members	Er. G. N. Ganla	3
12.	Members	Er. Deepak Sawant	0
13.	Members	Er. Dilip Sonwane	2
14.	Members	Dr. Nitin Mukadam	3
15.	Members	Er. Nirav Saraiya	1
16.	Members	Mr. Mohan Matsye	1
17.	Co-opted Members	Er. Prashant Mahagaonkar	0



18.	Co-opted Members	Er. Ajay Rathore	0
19.	Co-opted Members	Mr. Ramadas Kokare	0
20.	Co-opted Members	Dr. Pradeep Kalbar	0
21	H. Q. Nominees	Er. G. V. Patade	3
22.	H. Q. Nominees	Dr. UlhasNaik	1
23.	Invitees	Er. A. P. Nirbhavane	2
24	Invitees	Er. Ajay Wankhede.	1
25.	Invitees	Prof. Pooja Somani	1

3.0. Technical activities:

3.1 Lectures:

- 1) Technical Lectures on Soil and Water Security in changing climate scenario was arranged om 12th June, 2022 online at 5.00 pm. Speakers were Dr, V.K.Kharche Ph.D. (agri.) of Nagpur and Dr. N. M. Konde Ph.D. (Agri) of Akola. Lectures were related with soil plus agriculture plus water and emphasized for checking quality of water being used for Agriculture once in three years is essential.
- 2) A technical lectures on Ferrocement Tank below ground was arranged for Engineering College students on 16th September, 2022 by RWH Cell Mumbai Centre. Er. Ulhas Paranjpe talked on the subject with demo of RWH setup at HQ building.
- 3) A Technical lecture on Innovative Design and Implementation of Water Supply Systems in India using Hydraulic Isolation Structures was arranged on 12th November 2022 at 6.00 PM. Speaker was Dr. Pradeep Kalbar, Professor IITB.

3.2 Site Visits:

During the year no site visit was arranged by the Mumbai Centre.

3.3 Day Celebration Events:

IWWA Mumbai Centre had arranged 2 (two) Days Celebration Events during the year. Details of the same are as given below.

1) Engineers Day –

The Engineers Day is Observed annually to commemorable the birth anniversary (15th September) of the greatest Indian Engineer Bharat Ratna Shri MokshagundamVisvesvaraya as Engineer's Day. The Indian Water Works Association, Mumbai Centre was celebrated on 23rd September,2022 at IWWA HQ Office. Members, Student members and IWWA HQ Staff had participated in the event. Chairperson and members paid gratitude to great visionary of Indian Engineer Bharat Ratna Shri MokshagundamVisvesvaraya by remembering him in their talk and garlanding image.

2) IWWA Founder Day -

The Indian Water Works Association was founded in 1968 with headquarter in Mumbai. IWWA provides a common platform for the persons and organizations working in water and waste water sector to exchange views, share ideas, disseminate information and knowledge about new and appropriate technologies for improving and upgrade the services. IWWA Mumbai Centre celebrate Founders Day on 14th October,2022 at IWWA HQ Office at 6.30 pm. IWWA Founder Late Er. D.R.Bhise was remembered by many members in their speech. Lamps were lighted by offering garland to image of the founder.

3.4 Seminar – Webinar conducted:

During the year one, one Day Seminars/webinars were conducted by the Centre. Details are as given below.

On 10th December 2022 Work shop on Ferrocement for water conservation was organised by Ferrocement Society Mumbai Centre jointly with IWWA Mumbai Centre at Santa Cruz East. About 40 participants were present, in the morning One tank with Ferrocement Technology and other with Ferro- Natural fibres Cement Technology each

having 4 feet in dia and 2 feet in Height each haing capacity of about 700 litres .Ambadi fibre was used to replace Chicken mesh in 2nd Tank.Er. Milind Kulkarni , Er. Balkrishna Kulkarni were present to guide the participants After lunch Er. Milind Kulkarni, Er.Satish Patankar & Prof Abhay Bambole from V.J.T.I talked on Ferrocement Technology and it's applications.

Many had on Experience including IWWA Mumbai Centre Chairperson Ms. Manisha Palande

3.5 Activities of Youth Forum:

- A) New Chapter Opened: Mumbai Centre has opened a new Youth Chapter in 2022-24. VJTI India's first Engineering college has joined IWWA Mumbai Centre pm 14/11/2022 as Youth Forum Chapter. Inagural ceremony was arranged in the college when managing committee members were present. Er. Ramesh Bambale gave welcome speech & introduction of IWWA. Dr. Pradeep Kalbar has delivered a technical lecture on Urban Water Management.
- B) Youth Forum for Water Chapters in Veermata Jijabai Technological Institute (VJTI),Matunga,Datta Meghe College of Engineering,Airoli,Saraswati College Of Engineering,Kharghar and A.R.Kalsekar Polytechnic ,Panvel had arranged various Technical Events during the year. Details of the events are as given below.

1) Saraswati College of Engineering, Kharghar

On the occasion of the 55th Annual Convention Jan-2023 at MESSE GLOBAL PUNE, which was hosted by the IWWA Pune Centre, Saraswati College of Engineering was selected from among many institutes in 35 centres across India for Award of Certificate of Appreciation for vibrant institute being continuous involvement in various activities involving budding engineers through Student Chapter and Youth Forum-IWWA Mumbai Centre. It was Awarded in the 55th IWWA Convention at Pune.

2. Datta Meghe College of Engineering, Airoli

1. Visit to Water Treatment Plant, Badlapur: Datta Meghe College of Engineering, Airoli, Navi Mumbai, Youth Forum of IWWA, had organised a site visit to the Water Treatment Plant, Badlapur on 17th March 2023. The main motive of the visit was to give students knowledge about industrial settings and learn about the various water treatment techniques and components.

3. A.R.Kalsekar Polytechnic, Panvel:

- 1. **Seminar on "Plumbing System and Its Importance"**: On the occasion of World Water Day on **22nd March 2023** A.R.Kalsekar Polytechnic conducted a seminar on plumbing system and its importance.
- 2. **Tree Plantation :** On the occasion of National Plantation Day on 23rd March 2023. A.R.Kalsekar Polytechnic conducted a tree plantation activity.
- 3. **Seminar on Significance of Water Tests:** A.R.Kalsekar Polytechnic conducted a seminar on significance of water tests for Public Health Engineering Subject CE-5-I.

4, Veermata Jijabai Technological Institute (VJTI)

Inauguration Ceremony: Veermata Jijabai Technological Institute (VJTI), Civil and Environmental Engineering Department organised the inaugural ceremony of the student chapter of the Indian Water Works Association (IWWA) on 14th November 2022.

- Urban Water Management Lecture :Expert Lecture was arranged by IWWA-VJTI Student Chapter on 14th November 2022 on the topic Urban Water Management: Achieving Sustainability and Building Resilience by Dr. Pradip Kalbar IIT Bombay.high lighted the perspectives and strategies for managing water and wastewater systems were briefly introduced.
- 2. **Site Visit to Water Treatment Plant, Bhandup :** Veermata Jijabai Technological Institute Mumbai, Youth Forum of IWWA, had organised a site visit to Water Treatment Plant, Bhandup on **16th November 2022**. The main motive of the visit was to study the water treatment plant, its units & treatment processes.
- 3. Workshop on Ferrocement Construction: A one day workshop on Ferro Cement tank construction was arranged by IWWA-VJTI Student Chapter on 26th Feb 2023. We would like to express our sincere gratitude to Er. Maniessha Palande, Chairperson of the IWWA Mumbai Centre, and Er. Pramod Dalvi, Secretary of the IWWA MC, for providing us with the chance to conduct this workshop. The main focus of the workshop was to promote plastic free tanks and techniques of ferrocement tank construction.



- 4. World water day celebration: A State Level Poster Presentation Competition focusing on this year's World Water Day's theme "Accelerating change through partnerships and cooperation" and an insightful and enlightening Expert Lecture was arranged by IWWA-VJTI Student Chapter on 21st March 2023 on the topic Optimization of Trunk Water Network Using Colebrook White Equation.
- 5. **Plumbing Exhibition at Nanavati College :** VJTI Veermata Jijabai Technological Institute, Mumbai, Youth Forum of IWWA, had organised a site visit Brihan Mumbai BMC Licensed Plumbers Association (BMLPA) Exhibition Visit at Shri Visanji Ravji
- 6. Auditorium, Nanavati College, Matunga, Mumbai, on **20th January 2023**. The main motive of the visit was to study various Plumbing devices required for Design, Installation and maintenance of Water supply and Drainage system.

4.0 Veterans' Felicitation (Special Event):

Mumbai Center has arranged a special event of Felicitation of Veteran Members of the Center for their longer Association with IWWA & their services in the Water Sector. On 12th November 2022 evening, 12 veteran members were felicitated with shawl, shriphal, banquet and momentos. Veteran members had expressed & shared their feelings of the moment.

5.0 Donations to HQ (Special Events)

- a) Donations for IWWA journal printing of Rs. 25000/-
- b) Donation for IWWA web designing of Rs. 25000/-

6.0 Achievements:

- a) Indian Water Works Association, Mumbai Centre was awarded S.K.Shah Memorial Shield during the 55th Annual Convention at Pune.
- b) Er. Milind Kelkar was awarded Linga Raja Das Memorial Trophy during the 555th Annual Convention at Pune.
- c) Mr. Mohan Mastye was awarded Shri V. D. Deshpande Memorial Prize during the 555th Annual Convention at Pune.
- d) Saraswati College of Enginering, Kharghar was honored with certificate of appreciation (Youth Forum for Water) for organization during the 55th Annual Convention at Pune
- e) Er. Ramsharn Shukla was awarded for best lecturer in Mumbai Centre during the 55th Annual Convention at Pune.

IWWA Mumbai Centre's Youth Forum for Water - Chapters

- 1) Saraswati Institute of Technology, Kharghar-Navi Mumbai 410210.
- 2) Datta Meghe College of Engineering, Airoli-Navi Mumbai 400708.
- 3) A. R. Kalsekar Polytechnic, Panvel-Navi Mumbai 410206.
- 4) VJTI, Matunga Central-Mumbai 400019.

List of Veteran Members felicitated for longer Association with IWWA & services in the Water Sector

1)	Er. Dandekar B. D.	LM-2828
2)	Er. Deodhar A. V.	LF-1199
3)	Er. Dongare V. A.	LM-1056
4)	Er. Kale M. V.	LM-4657
5)	Er. Kelkar M. D.	LF-956
6)	Er. Kothari P. S.	LM-6295
7)	Malghan K. N.	LF-533
8)	Er. Pai N. M.	LM-896

9) Er. Parmeshwaran P. V. LM-697
10) Er. Paunikar N. R. LF 928
11) Er. Sawant M. D. LM-3512
12) Er. Waigoankar A. N. LF-734

7.0 Miscellaneous:

7.1 Annual General Meeting:

41st Annual General Meeting of the Mumbai Centre was held on 12th November, 2022 which was well attended by the members.

8.0 Appeal from Mumbai Centre:

- a) Mumbai Centre is organises one/two day's workshop/training on Rain Water Harvesting, water conservation by using Ferro cement technology, use of natural fibers in association with Jalvardhini Trust, Mumbai. Interested organization may contact Mumbai Centre/ Er. UlhasParanjpe, Head of RWH Cell of Mumbai Centre on his mobile no. 9820788061.
- b) In the Managing Committee Meeting held on 17.02.2016 it is resolved to donate 10% stock of Technical books published by Mumbai Centre to Educational Institute free of cost. Interested Institutions may contact Mumbai Centre for the same. It is further resolved to sale all books at 50% discount.

9.0 Acknowledgement:

- a) President and Council of Management of IWWA.
- b) Municipal Corporation of Greater Mumbai.
- c) Maharashtra Jeevan Pradhikaran.
- d) All India Local Self Government.
- e) Administrative staff of H.Q.
- f) All members of IWWA.
- g) Sponsors and Donors.

11. NAGPUR CENTRE

CHAIRMAN'S ANNUAL REPORT FOR 2022-2023

I welcome you all on behalf of the Managing Committee of IWWA, Nagpur Centre to this Annual General Meeting. It is my pleasure to place before you the Annual Report of IWWA, Nagpur Centre, along with the Statement of Accounts for the year 2022 – 23. Activities of Nagpur Centre, along with events organised by Nagpur Centre of IWWA and the statement of accounts for the year 2022 –23 are highlighted below:

One of the main objectives of the Indian Water Works Association, Nagpur Centre is to disseminate knowledge to all the members and to other stakeholders, particularly water professionals. The Centre strives hard to share the information emerging from the latest research in the field of sustainable water management by organizing lectures of national and international experts. During these lectures, discussions are encouraged for better understanding of their expectations, perspective and feedbacks.

A brief summary of lectures organized during 2022 – 23 is presented below:

1. MONTHLY LECTURES

1.1 Dr. Ramesh Daryapurkar, CEO, Lars Enviro delivered expert monthly lecture on 28th July, 2022

Dr. Ramesh Daryapurkar, CEO, Lars Enviro delivered an expert monthly lecture on India's role in achieving Net Zero by 2070 and SDGs by 2030 on 28th July, 2022 at Indian Water & Works Association (IWWA), Nagpur Centre. The emphasis was given to make the lecture simple and jargon-free to a common man to understand the concepts and reasoning behind the Net Zero and SDGs.

During the lecture, Dr. Daryapurkar explained the concept of GHG, Climate change, carbon-neutral, decarbonisation and necessity of Net Zero to mitigate Climate Change in time-bound manner with simple examples from our day-to-day life. He further elaborated deliberations and outcomes of few significant Conference of Parities (COPs) mainly COP3, COP15, and COP21. He explained in detail the proceedings in latest COP26 wherein India declared its goal year for reaching Net Zero as 2070. He detailed out few case studies including how the Lecture Event can be made Carbon-neutral at IWWA auditorium with simple calculations. He stressed that Net Zero can be practiced at Institutions and individual level also in its own way.

He narrated how the 8 MDGs (millennium Development Goals) with target year of 2015 were expanded to 17 SDGs (Sustainable Development Goals) with target year of 2030. He explained how these goals were provided with 169 targets and 232 indicators for effective measurement and monitoring the progress made. Latest report on each state's score on SDGs was also show-cased during the presentation.

Er. N M Bangare, Chairman of Nagpur Centre in his opening remarks welcomed all guests. Dr. Snehal Abhyankar, Convener of the program introduced Dr. Daryapurkar and conducted the proceedings. Dr. Rajesh Gupta, Past President of IWWA was also present on the dais.

The lecture was attended by large number of audience from various organizations like VNIT and other engineering colleges, National Environment Engineering Research Institute, Central Water Commission, Central Ground Water Board, Maharashtra Jeevan Prabhakaran, Nagpur. Dr Kalpana Shekhar Bhole, Hon. Secretary, IWWA Nagpur Centre proposed vote of thanks. The prominent among present were, Dr O N Mukherjee, Vice Chairman, Er Minal Dehadrai, Treasurer, Dr.V A Mhaisalkar Dr Sanjay Roy, Dr Virendra Dehadrai, Dr.P.K.Jain, Dr M S Kadu, Er Kahare, Dr Sandip Shirkhedkar, Er Udayan.

Er. N M Bangare, Chairman of IWWA, Nagpur Centre in his opening remarks welcomed all the guests. Dr Prabhat Jain, Convener of the program introduced Dr. Hitendra Chandewar and conducted the proceedings of the program. Dr Kalpana Bhole, Secretary, IWWA and Er Keshav Bhaskare, Secretary ICI, Nagpur and Er P S Patankar, National Vice President (West), ICI shared the dais. The lecture was attended by about 170 members of engineers from various organizations like IWWA, ICI, VNIT, etc. Prominent among those present were Dr Rajesh Gupta, Past President IWWA, Dr V A Mhaisalkar, Past Chairman, Er A M Khapre, Retired Executive Director, WRD, Dr O N Mukherjee, Vice Chairman, Er Minal Dehadrai, Treasurer, Dr Virendra Dehadrai, Dr Isha Khedikar, Dr Girish Phophali, Dr Shashikant Hastak, Er Satish Sushir, Er Gourangi Chandewar, , Dr Sandip Shirkhedkar, Er Rajesh Kanade, Dr Bhorkar, Er Udayan Shroti, Er. Ansingkar.

Dr Kalpana Bhole, Hon. Secretary, IWWA Nagpur Centre proposed vote of thanks.

1.2 Dr. Hitendra Chandewar, Chief Consulting Engineer, Hitbhav Engineers, Nagpur delivered lecture" on 24th August 2022

Dr. Hitendra Chandewar, Chief Consulting Engineer, Hitbhav Engineers, Nagpur delivered an expert lecture on "Raw Water Reservoir for Industry- Challenges in Design and Construction- A case Study of One of the Biggest Reservoir in India" on 24th August, 2022 at Indian Water Works Association (IWWA), Nagpur Centre.

During the lecture, Dr Chandewar, a renowned Design Engineer explained various challenges in design and construction of the sweet water reservoir. The reservoir is recently constructed by HPCL - Rajasthan Refinery Ltd for its 30 days standby water requirement for their incoming refinery project in Pachpadra of Barmer District of Rajasthan. The reservoir is huge size of 1400mx750mx13m with storage capacity of 37.44Lakh cubic meter.

The project is located in desert area of Rajasthan where the average annual rainfall is even less than 250mm, where availability of sweet water is nearly nil. Further, he explained challenges due to desert topography comprising sandy soil where seepage is a main problem besides siltation due to sand storms. Other challenges like non-availability of good quality soil, evaporation losses, safety of the reservoir against stability earthen bund in high earthquake zone III. He explained all the key engineering aspects involved in such prestigious and challenging work including use of advance material for inner lining system and unique construction methodology.

1.3 Er Udayan Shrouti, CEO, Libra Agencies, Nagpur delivered lecture on 30th January, 2023

Er Udayan Shrouti, CEO, Libra Agencies, Nagpur delivered lecture on 30th January, 2023 on the topic, "Industrial Water Tratment- Focus ZLD" (Zero Liquid Discharge).

The need and how presently industries are ensuring Zero Liquid Discharge was lucidly explained with a case study by Er Shrouti. The speaker further elaborated on how the energy intensity and hence water requirement at energy generation source increases at every step of water recovery. It is important to establish a harmony between energy and environment to ensure global optimal instead of local, was highly appreciated by the august audience.

The new paradigm on focusing of recovery of value added product from the wastewater and water as a by-product will lead to a universal adaptation of the zero liquid discharge was also shared by the speaker.

The lecture was attended by over 50 members and students. Prominent among those present were Dr. V.A. Mhaisalkar, immediate past chairman, Nagpur Centre, Dr. P. K.Jain, Dr Virendra Dehadrai, Er Deshpande, Er Kanade, Er Rode, Er Kahare. Lecture was coordinated by Dr. O. N. Mukherjee, Vice-Chairman of IWWA and Er V. D. Ansingkar. Er. N.M.Bhangre, Chairman of IWWA Nagpur welcomed the guest while Honorary Secretary Dr. Kalpana Bhole proposed vote of thanks.

2. SPECIAL LECTURES

2.1 Dr. A. G. Bhole Endowment Lecture by Er Shirish Kardile on 4th November, 2022

Er Shirish Kardile, Consulting Engineer, K Consultation, Nasik, delivered Dr A G Bhole Endowment Lecture at IWWA, Nagpur Centre on the topic "Application of Advanced and Appropriate Technology: - A Case Study of 70 MLD Capacity Water Treatment Plant at Sangli, Maharashtra" on 4th November 2022. Late Dr A G Bhole, Past Chairman IWWA, Nagpur Centre has donated Rs 2.00 Lakhs to Nagpur Centre to initiate Annual Lecture in the field of Water Treatment.

Er Kardile, in his lecture, explained about the new concept of Klarisettler units instead of Clariflocculators which enhances the settling rate four times than the conventional settler. He also explained high rate deep bed filters adopted in WTP, inclusion of these units using advanced technology has reduced the area required for conventional WTP considerably.

The lecture was well attended by over 125 members and Student members. Prominent among those present were Dr Rajesh Gupta, Past President IWWA, Dr V A Mhaisalkar, Past Chairman IWWA Nagpur Centre, Dr K C Tayade, Er Minal Dehadrai, Dr Virendra P Dehadrai, Dr Isha Khedikar, Dr P K Jain, Dr S S Hastak,

The lecture was coordinated by Dr Rahul Ralegaonkar. Dr O N Mukherjee, Vice Chairman,, IWWA, Nagpur Centre read the life sketch of Late Dr A G Bhole, Er N M Bangre, Chairman IWWA, Nagpur Centre Welcomed the Guests and Dr Kalpana Bhole, Hon Secretary, IWWA, Nagpur Centre proposed a vote of thanks.

2.2 Late Shri D. V. Date Memorial Lecture by Dr. D.P.Kothari on 12th December, 2022

Indian Water Works Association Nagpur Centre conducted Late Shri Date memorial lecture on 12th December, 2022. The lecture was delivered by Dr. D.P.Kothari, Chairman, BOG, Tehri Hydro Institute, Uttarakhand, Formal Principal, VRCE, Nagpur, Former Vice Chancellor, VIT Vellore

Dr Kothari explained the present and future scenario and importance of renewable energy. He also discussed in depth about the different forms of Energy and why Renewable energy has to be tapped so that the Earth can be saved for the future generations.

This was the lecture was attended by over 35 members and students. Prominent among those present were Dr. Rajesh Gupta, Past President, IWWA, Mumbai, Dr. Pawan Labsetwar, Dr Virendra Dehadrai, Er Ajit Deshpande, Dr Hitendra Chandewar, Dr. S. S. Hastak, Er.P L Kadu, Er R S Chauhan, Dr Mangesh Bhorkar. The event was graced by Arch. Parag Date and Er.Sachin Date grandsons of Shri D.V.Date.

Lecture was coordinated by Dr. O. N. Mukherjee, Vice-Chairman of IWWA. Dr K C Tayade read life sketch of Shri D.V.Date, Dr. Rahul Ralegaonkar introduced Dr. D.P.Kothari, Er. N.M.Bhangre, Chairman of IWWA Nagpur welcomed the guest while Joint Secretary Dr. Isha P.Khedikar proposed vote of thanks.

2.3 Late Dr P R Bhave Memorial Lecture by Dr M Dhinadhayalan, Adviser, CPHEEO, New Delhi and Dr Sanjay Dahasahasra, Member of National Task Force on 24/7 Water Supply

Indian Water Works Association Nagpur Centre organized "Annual Late Dr P R Bhave Memorial Lecture" on February 20, 2023. The lecture was delivered by Dr M Dhinadhayalan, Adviser, CPHEEO, New Delhi and Chairman, National

Task Force on 24/7 Water Supply on "India's Strategy for Achieving 24X7 Water Supply". He presented history of 24x7 water supply in India and explained that one of the objectives of AMRUT 2.0 is to implement 24x7 Water Supply in at least one ward or one DMA (District Metering Areas) with 2000 households in all 500 AMRUT cities.

Dr Sanjay Dahasahasra, Member of National Task Force on 24/7 Water Supply, former Member Secretary, MJP and Past President IWWA, Mumbai delivered special lecture on "Modified Guidelines for Achieving 24X7 Water Supply". Both the lectures were related to GoI's AMRUT 2.0 program. In the Lectures both the speakers explained in detail how India is planning to move to "Drink water from Tap" mission so that every citizen gets potable water from the tap.

Moreover, Nagpur Centre was extremely honoured to have received an opportunity to felicitate Er Subhash Bhujbal, President IWWA on this occasion. Around 150 members and student members graced the occasion. Prominent among those who present were Dr. S M Dhabadgaonkar,Smt Chaitra Devoor, CPHEEO, Er Suhas Bhave, Er Ranade, Er Kulkarni, Dr Sanjoy Roy, Er A S Konher, Dr M M Mahajan, Er Burde, Er Kanade, Dr Virendra Dehadrai, Dr S S Hastak, Dr Girish Pophali, Dr Rahul Ralegaonkar, Dr Hitendra Chandewar, Er A K Sahu, Er Vikrant Joshi, Er Thakre, Dr Deshmukh, Er A S Deshpande, Er Ajit Deshpande to name a few. Also members of NTF, CPHEEO were also present to grace the occasion.

Er N M Bangre, Chairman, Nagpur Centre welcomed the guests, Dr Rajesh Gupta, Professor, VNIT and Past President of IWWA read the life sketch of Late Dr P R Bhave while Dr K S Bhole, Honorary Secretary of IWWA, Nagpur Centre and Dr Isha Khedikar introduced the speakers. Dr O N Mukherjee, Vice Chairman, Nagpur Centre Coordinated the program and Dr K S Bhole, Hon Secretary, Nagpur Centre proposed the vote of thanks.

3. CELEBRATION OF SPECIAL DAY

3.1 Earth Day Celebration on 22nd April, 2022

Indian Water Works Association Nagpur Centre Celebrated "Earth Day" on 22nd April, 2022. A lecture was arranged on the topic "Save Soil Movement" by Shri Omkar Joshi, Isha Foundation Volunteer.

Shri Joshi in his lecture explained that, the soil on the earth is depleting. That means it is essentially losing its organic content making it incapable of being used for agricultural purposes. According to definition, we can call soil, a soil, if it contains 3% organic content. Loss of organic content and carbon turns soil into sand. He further told that to keep the soil alive on agricultural land we need some policy. Important laws are brought with necessary incentives to raise the organic content. Save Soil is an effort to address this degeneration of soil, by inspiring at least 3.5 billion people (60% of the world's electorate), to support long-term government policies to revitalize soil.

The lecture was attended by large number of audience from various organizations like VNIT and other engineering colleges, National Environment Engineering Research Institute, Central Water Commission, Central Ground Water Board, Maharashtra Jeevn Pradhikraran, Nagpur Municipal Corporation etc. Er Minal Dehadrai, Treasurer coordinated the programme. Er Rajesh Kanade, Executive Engineer, MJP introduced the chief guest. Dr Kalpana Shekhar Bhole, Hon. Secretary, IWWA Nagpur Centre proposed vote of thanks. The prominent among present were Dr. V A Mhaisalkar, Past president of IWWA, Nagpur cetre, Dr O N Mukherjee, Vice Chairman, Dr, Virendra Dehadrai, Dr.P.K.Jain, Dr Isha Khedikar, Er Chandewar, Er Ansingkar, Er Deshpande, Er Sanjay Wagh.

3.2 World Health Day Celebration on 30th April, 2022

IWWA Nagpur Centre organised lecture on 30th April 2022 of well-known physician of the city Dr Abhijeet A Ambhaikar to celebrate World Health Day. Dr Ambhaikar delivered the lecture on very important topic of "Importance of Water in Health & Diseases".

Lecture by Dr Abhijit was very informative and he presented complicated health topic in a very simple manner. He highlighted processes in human body if mimicked can provide solution to major problems. Water balance for human body was also very nicely explained. He being from theatre had that skill of keeping audience engaged in the lecture.

Er N M Bangre at the outset welcomed the audience and guest speaker and briefed about the World Health Day. Dr Virendra P Dehadrai was the coordinator of the event. Dr Isha Khedikar, Jt Secretary proposed vote of thanks. The event was well attended and those prominently present were Dr Pawan Labhsetwar, Dr Girish Pophali, Dr Shashikant Hastak, Dr Sandeep Shukla, Er Satish Sushir, Er Minal Dehadrai, Dr O N Mukherjee, Er Deshpande, Er Kahare, Er Udayan.

3.3 World Biodiversity Day

Professor Dr.Rajkumar R. Khapekar, Associate Professor and Head of department of Botany, D.R.B. Sindhu Mahavidyalaya, Nagpur, Maharashtra delivered a talk to celebrate "World Biodiversity day" on "Biodiversity and Ways of Eco restoration" at Indian Water Works Association (IWWA), Nagpur Centre dated 27th May, 2022.

Professor Khapekar stated that at the Center for Biodiversity and Conservation, we include humans and human cultural diversity as a part of biodiversity. We use the term "biocultural" to describe the dynamic, continually evolving and interconnected nature of people and place, and the notion that social and biological dimensions are interrelated. This concept recognizes that human use, knowledge, and beliefs influence, and in turn are influenced, by the ecological systems of which human communities are a part. This relationship makes all of biodiversity, including the species, land and seascapes, and the cultural links to the places where we live-be right where we are or in distant lands-important to our wellbeing as they all play a role in maintaining a diverse and healthy plane.

The lecture was attended by large number of audience from various organizations like VNIT and other engineering colleges, National Environment Engineering Research Institute, Central Water Commission, Central Ground Water Board, Nagpur Municipal Corporation etc. Er.O.N. Mukherji, vice chairman, IWWA proposed vote of thanks. The program was coordinated by Dr. Sandeep Shukla. The prominent among present were Dr.Pawan Labhshetwar, vice chairman, Mrs Minal Dehadrai, Treasurer, Dr.P.K.Jain, Dr Borkar and Dr K. Tayade.

3.4 World Environment Day celebration on 21st June, 2022

Indian Water Works Association Nagpur Centre in association with ACCE, Nagpur Chapter Celebrated "World Environment Day" on 21th June, 2022. A lecture was arranged on the topic "Sustainability of Environment & Human Kind on Dams-Gosikhurd Project" by Er Ashish Deogade, Chief Engineer, Gosikhurd Project, Water Resources Deptartment, Gonernment of Maharashtra.

The guest speaker spoke about the importance of Dams in our day to day life and how different cities all over the world and particularly in Maharashtra are totally dependent on the dams for their water needs for drinking and other day to day purpose besides the irrigation purpose. Er Deogade explained in detail about the Gosikhurd Project and how much land it will irrigate and he also informed about the water needs Gosikhurd Dam is fulfilling for the daily needs of the villages and towns in its vicinity.

IWWA Students Chapter of Shri Ramdeobaba Engineering College and Management was also inaugurated on this occasion. Seated on the Dias Were Er Aashish Deogade, Er N M Bangre, Dr Kalpana Bhole, Er Arun Uttarwar, Er P S Patankar, Dr M S kadu and Dr O N Mukherjee. Dr O N Mukherjee, Vice Chairman IWWA, Nagpur Centre coordinated the programme. Dr Virendra Dehadrai introduced the speaker. Dr V A Mhaisalkar, Past Chairman, IWWA, Nagpur Centre, Dr Rajesh Gupta, Past President, IWWA, Mumbai, Dr Pawan Labsetwar, Vice Chairman IWWA, Nagpur Centre and Er Minal Dehadrai, Hon Treasurer, IWWA, Nagpur Centre welcomed the Guests. Er N M Bangre Chairman IWWA Nagpur Centre gave the opening Remarks. Dr K S Bhole, Hon Secretary, IWWA Nagpur Centre proposed formal vote of thanks.

The programme was a great success with eminent presence of Dr H C Landge, Past President IWWA, Mumbai, Dr. M S Kadu, Dr Isha Khedikar, Dr Girish Pophali, Er D K Tiwari Chief Engineer, CWC, Er Sanjay Kholapurkar, Er S M Ranade, Er A S Konher, Er K J Lad, and other members and students totaling around 200.

3.5 Engineers' Day celebrated on 22nd Sept,2022

The IWWA Nagpur Centre organised lecture of Dr Makarand Madhao Ghangrekar, Professor in Department of Civil Engineering, IIT Kharagpur to commemorate the celebrations of Engineers' Day on 22nd September, 2022.

At the outset Er N M Bangre, Chairman Nagpur Centre, welcomed the speaker and other dignitaries. Thereafter, Er Minal Dehadrai, Coordinator presented the life sketch of Bharat Ratna Sir M Visveswaraya. Then she introduced the speaker Dr Makarand M Ghangrekar and requested him to proceed with his lecture.

Prof Dr Ghangrekar gave lecture on the topic of "Biological and Bio Electrochemical Treatment Technologies to Facilitate Reuse of Treated Water and Resource Recovery". He lucidly explained that electrochemical systems (BLS) have a potential to offer sustainable wastewater treatment and simultaneously recover valuables. However, to make this technology competitive with existing technologies the yield of electricity/valuables recovery need to be increased with emphasize on decreasing fabrication cost of this device.

The function was well attended by over 100 members including students of VNIT Nagpur and G H Raisoni college. Prominent among those who attended were Dr Rajesh Gupta. Past President IWWA, Dr Pawan Labhsetwar. Dr Onkarnath Mukherjee, Dr Girish Pophali. Dr P K Jain, Dr Virendra Dehadrai, Er Rajesh Kanade, Er Aniruddha Deshpande and others.

The lecture ended with a vote of thanks from Dr Isha Khedikar, Jt.Secretary, IWWA Nagpur Centre.

3.6 IWWA Foundation Day celebration and AGM for the Year 2021-22 conducted on 10th October, 2022

Annual General Body Meeting of IWWA Nagpur Centre was held on October 10th, 2022 at 19.00 hours at IWWA Nagpur Centre and was attended by about 40 members. Shri N M Bangre, Chairman read out the activities that were conducted during the year 2021-22. Auditor's report and statement of accounts were presented by Er Minal Dehadrai, Treasurer. Dr K. S. Bhole, Hon. Secretary conducted proceedings of the AGM.

After the AGM, Nagpur Centre celebrated IWWA Foundation Day and paid homage to late Er D R Bhise with paying floral tributes. To celebrate birth anniversary of late Er D R Bhise, Founder President of IIWWA, 10th October is celebrated as IWWA, Foundation day. On this occasion, contribution of Er D R Bhise, in the water sector was narrated by Dr Isha Khedikar.

Shri N M Bangre, Chairman, Dr Pawan Labhsetwar, Vice Chairman, Dr O N Mukherjee, Vice Chairman, Dr K S Bhole, Hon Secretary, Er Minal Dehadrai, Treasurer and Dr Isha Khedikar, Joint Secretary shared the dias.

Prominent among those present were Dr. Rajesh Gupta, Past President IWWA, , Dr. V A Mhaisalkar, Past Chairman IWWA, Nagpur Centre, Dr P K Jain, Dr Shashikant Hastak, Dr Snehal Abhyankar, Dr Shukla, Dr Bhorkar, Er Keshav Bhaskare, Er Kanade, Er Deshpande, Er Zodape, Er Brajesh Sahu, Er Jaiswal, Er Dakwale, Er Moon, Er Manapure, Er Pravin Saran, Er Rajith P. A.,family members and student members. The vote of thanks was delivered by Dr. K S Bhole, Hon. Secretary, IWWA, and Nagpur Centre.

3.7 World Water Day celebrated on 23rd March, 2023

Indian Water Works Association Nagpur Centre organized a lecture on "Accelerating Change in Water and Wastewater Management" by Dr Atul Vaidya, Director, CSIR-NEERI to celebrate World Water Day on Thursday 23rd March, 2023 at IWWA Hall, Shankar Nagar, Nagpur.

Dr Vaidya, in his lecture, gave an overview of various technologies available for treatment of water and wastewater. He also discussed in detail the various challenges associated with improving the quality of water and wastewater. Various award winners of IWWA and representatives of IWWA student's chapters from various engineering colleges were felicitated at the hands of Dr Vaidya. Student Chapter of Government Enginnering College, Nagpur was inaugurated in the event.

Around 80 members and student members graced the occasion. Prominent among those were Dr Rajesh Gupta, Past President, IWWA, Dr V A Mhaisalkar, Immediate Past Chairman, IWWA, Nagpur Centre, Dr Sanjoy Roy, Dr S S Hastak, Dr Girish Pophali, Dr P K Jain, Dr R Borkar, Dr Isha Khedikar Dr Snehal Abhyankar, Dr Daigavhane, Dr Dhamge, Er Kahare, Er Anubhuti Agarwal, Er Atul Bhayaa to name a few.

Er N M Bangre, Chairman, Nagpur Centre gave introductory remarks. Dr Rahul Ralegaonkar Coordinated the program whereas Dr O N Mukherjee, Vice Chairman, Nagpur Centre introduced Dr Vaidya. Dr Pawan Labhsetwar, Vice Chairman, Nagpur Centre shared the dias while Dr K S Bhole, Honorary Secretary of IWWA, Nagpur Centre proposed the vote of thanks.

4. MEMBERSHIP DRIVE

The centre continued its special membership drive in the year 2022-23 for registering new members to increase the strength of Nagpur Centre. New 11 life members and 168 student members are added to the centre during this year.

5. MEETINGS OF MANAGING COMMITTEE

Eleven meetings of Managing Committee of the Centre were held during the year 2022-23, on 8th April, 2022, 21th May, 2022, 17th June, 2022, 9th August, 2022, 10th September, 2022, 6th October, 2022, 10th November, 2022, 27th November, 2022, 5th January, 2023, 2nd February, 2023 and 14th March, 2023.

6. AWARDS AND ACHIEVEMENTS OF MEMBERS

6.1 Dr P R Bhave Memorial Prize

"Dr P R Bhave Memorial Prize" was awarded to Anubhuti Gupta, Khalid S Ansari, Md Fassiuddin and Dr Rajesh Gupta for the best article on "Efficient and Economical Water Distribution System for a New Genetic Algorithm Based

Methodology for Optimal Design of Water Distribution Network" published in IWWA Journal April-June, 202; in the 55th Annual Convention, 2023 held at Pune.

6.2 Shri Kencha Reddy Memorial Prize

"Shri Kencha Reddy Memorial Prize" was awarded to Mohammad Fasiuddin, Aryalakshmi M, Dr Rajesh Gupta and Pawan K Labhasetwar for the best article on "Water Distribution Systems for Monitoring Station Location Optimization Tool for Water Distribution Networks" published in IWWA Journal Oct-Dec, 2021; in the 55th Annual Convention, 2023 held at Pune.

6.3 Release of Book authored by Dr. Pawan Kumar Labhasetwar, and Dr. Anshul Yadav

The Book on "Membrane based Point of Use Drinking Water Treatment Systems", was released by Ms. D. Thara, IAS, Additional Secretary, Ministry of Housing and Urban Affairs Government of India, on February 22, 2023 during the "Regional Workshop on 24x7 Water Supply Systems", organized by CPHEEO at Nagpur.

This book is focused on the use of membrane filtration in point-of-use water treatment, recognising the importance of such technologies in providing accessible, effective water treatment. The book is timely and is an accessible introduction to processes often considered the preserve of specialised engineers. It provides a comprehensive overview of the technologies, their management, the economics, and the regulation of membrane filtration units. The authors provide students and practitioners with a comprehensive and thorough analysis of membrane filtration units, providing insights into an important global technology.

The book can be downloaded through weblink: DOI: https://doi.org/10.2166/9781789062724

6.4 Release of Book "Integrated Water Resources Management- Mapping and Analysing the Maharashtra's Most Critical Resource "in AWWA conference supported by MoHUA

The Book on "Integrated Water Resources Management", was released by Ms. D. Thara, IAS, Additional Secretary, Ministry of Housing and Urban Affairs Government of India, on 5th December, 2022 during the "International Conference and Exibition 2022" held on 5th and 6th December, 2022 at Varanasi, India. It was hosted by American Water Works Association (AWWA) India Association and supported by Ministry of Housing and Urban Affairs, GoI and AWWA, USA.

Lead Author of the book is Dr Sanjay V. Dahasahasra and Co- Authors are Subhash W. Deshpande, Late Sharad D Mande, Pramod R Deshapande and Dr Kalpana S Bhole.

Administration of the State is based on the district boundaries drawn by the Government. However, the National Water Policy 2012 stated that in an Integrated Water Resources Management (IWRM), river basin/sub-basin should be adopted as the unit for planning, development, and management of water resources. The authors have decided to go ahead with this as a base and work on it. Hence, the prime objective of this document is to create, analyze the data and create GIS maps for entire state for all the sub-basins so that it will help the planners in all the sectors. The work is carried out in 27 Chapters. Chapters 1 to 20, covering major aspects holistically, are placed in Volume I and Chapters 21 to 27 in Volume II.

7 FIELD VISITS

7.1 A site visit conducted by IWWA Student Chapter of Civil Engineering Department of VNIT, Nagpur with IWWA Nagpur Center on 3rd October 2022

A site visit to 47.5 MLD capacity Water Treatment Plant (WTP) of Shankarpur Water Supply Scheme was arranged by Student Chapter of Civil Engineering Department of VNIT, Nagpur with IWWA Nagpur Center on 3rd October 2022. This WTP is intended to supply treated water to 10 villages nearby Shankarpur and 9 villages of NIT. The site visit was conducted to inculcate practical aspects of WTP among students. The WTP was in operation and all units were understood by the students. Executive Engineer Shri Kanade, Deputy Engineer Shri Zodape of MJP & Dr. Ajay Tembhurkar, Professor, VNIT and and Dr Rajesh Gupta, Professor, VNIT and Past President, IWWA, Dr. Kalpana Bhole, Hon. Secretary, IWWA Nagpur Center elaborated all aspects of WTP to students. 26 students were present for the field visit.



7.2 A site visit conducted by IWWA Student Chapter of Civil Engineering Department of GHRCE Nagpur with IWWA Nagpur Center on 13th October, 2022

On 13th October 2022, the site visit was arranged in association with Indian Water Works Association Nagpur Center and Student chapter of Civil Engineering Department of G H Raisoni College of Engineering (GHRCE) Nagpur held a site visit to 14 MLD capacity Water Treatment Plant (WTP) of Nildoh and Digdoh combined Water Supply Scheme, Taluka- Hingna . This WTP under construction is intended to supply treated water to Nildoh and Digdoh census towns under Central Govt's ambitious program of Jal Jeevan Mission.

The site visit was conducted to inculcate practical aspects of WTP among students. Dr. Kalpana Bhole, Hon Secretary, IWWA, Nagpur Centre, Mrs. Archana Gajghate, Sectional Engineer, MJP and LM of IWWA and Dr. Mangesh Bhorkar, Assistant Professor, GHRCE and LM of IWWA elaborated all aspects of WTP to students. In all 64 students visited the plant and taken knowledge of WTP units. The Site visit was well coordinated & conducted by Mrs Archana Gajghate, Dr. Mangesh Bhorkar under the valued guidance of Dr. Bhalchandra Khode, Professor & Head, Civil Engg Dept. GHRCE Nagpur.

7.3 A site visit conducted by IWWA Student Chapter of Civil Engineering Department of GHRCE, Nagpur and IWWA, Nagpur Centre on 17th October, 2022

A site visit to 47.5 MLD capacity Water Treatment Plant (WTP) of Shankarpur Water Supply Scheme Water Treatment Plant (WTP) of Shankarpur combined Water Supply Scheme. This WTP is intended to supply treated water to 10 villages nearby Shankarpur and 9 villages of NIT.

On 17th October 2022, a site visit was arranged in association with Indian Water Works Association Nagpur Center. Er. Nagrare, Assitant Engineer, MJP & Dr. Mangesh Bhorkar, Assistant Professor, GHRCE and LM of IWWA elaborated all aspects of WTP to students. In all 71 students visited the plant and taken knowledge of WTP. The Site visit was well coordinated & conducted by Dr. Mangesh Bhorkar & Dr. Hasim Khan under the valued guidance of Dr. Kalpana Bhole, Hon. Secretary, IWWA Nagpur Center, Dr. Bhalchandra Khode, Professor & Head, Civil Engg Dept. & Dr. Sachin Untawale, Director GHRCE Nagpur

8 OTHER ACTIVITIES

Indian Water Works Association Nagpur Centre celebrated with zeal & enthusiasm 75th Independence Day. Er N M Bangre, Chairman, IWWA Nagpur Centre hoisted the Indian tri Colour. Around 10 Executive body members and members were present during the flag hoisting ceremony.

12. ODISHA CENTRE:

IWWA Odisha Centre is working under the aegis of Indian Water Works Association (IWWA). The Centre is working to achieve the objective of IWWA and to stimulate and promote the development of Science, Technology, Economics, Environment, Ecology and Social Sciences in managing the Water; both fresh and waste water. It provides a common platform for the persons and organizations working in this sector to exchange views, share ideas, disseminate information and knowledge about new and appropriate technologies for improving and upgrading the services. The office of the IWWA Odisha Centre is located at 2nd Floor, S. E. P. H Circle, Behind Rajiv Bhawan, Unit-5, Bhubaneswar, Odisha. The board of members of the Centre is given below

Chairman : Er. Hadibandhu Behera : Er Prasanta Kumar Mahapatra
 Hon. Secretary : Dr Bhaktakabi Das : P. Satya Narayana Patro

ACTIVITIES DURING FY 2022-23

During year 2022-23, the centre has organized various activities to promote its thoughts/ objectives among various sections of the society including students, teachers, faculty members, engineers, scientists etc. working in the field of water and waste water. The activities organized during the year are given below;

1. Celebration of Engineer's Day

On 15th September 2022, IWWA Odisha centre, celebrated "Engineer's Day" with pride to remember the greatest Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya. The participation was encouraging. On this occasion, The Chairmen of the centre welcomed all participants and addressed them by speaking on the importance of this occasion. Following his address, participants shared their knowledge on the great personality and his contribution to the engineering world.

2. General body Meeting of IWWA Odisha Centre

The general body meeting was organized to elect the new members of the managing committee of IWWA Odisha Centre. The meeting was organized on 20th October 2023. The elected members of the managing committee are listed below;

Sl. No	Name	Designation/ Position
1.	Er. Hadibandhu Behera	Chairman
2.	Er Prasanta Kumar Mahapatra	Vice- chairman
3.	Dr Bhaktakabi Das	Honorary Secretary
4.	P. Satyanarayana Patro	Honorary Treasurer
5.	Er. Bhagydhar Mahanty	Editor, Newsletter of the centre
6.	Er. S.Laxmipati	Ex-Officio member
7.	Er. Basanta Kumar Parida	Ex officio member
8.	Er. Biswabandhu Panigrahi	Executive Body Member
9.	Er. Mahammed Adil	Executive Body Member
10.	Er. Bikram Raut	Executive Body Member
11.	Er. Laxmi Narayan Khandual	Executive Body Member
12.	Er. Chiranjibi Mahali	Executive Body Member
13.	Er. Satyajit Sahu	Executive Body Member
14.	Er. Ajit Kumar Behera	Executive Body Member
15.	Mr. Iswar Chandra Pradhan	Special Invitee

Accordingly, information was shared with IWWA head quarter for information and necessary action.

3. Organized Workshop on "Urban Drinking Water Security" and 8th Meeting of Council of Management of IWWA (COM Meeting)

A half day Workshop was organized on 29th October 2022 in Bhubaneswar. The theme of the workshop was "Urban Drinking Water Security" was organized. Members from various parts of the country participated in this workshop to share their experience and ideas. Following the workshop, 8th Meeting of Council of Management of IWWA (COM Meeting) was organized. The detail report of the workshop and COM meeting is enclosed as Annexure-1.

4. Meeting of IWWA Members of Odisha centre

A meeting of the members of IWWA Odisha centre was organized on 6th January 2023. The meeting was organized to discuss and finalize plan of action of the centre. Several members of the centre joined the meeting and shared their views on it. In this meeting, It was decided to add new members to the family, celebrate important days, organize conference, seminar, workshops etc, and also to organize activities like lecture, exposure visits etc.

5. Membership Drive

As discussed in the meeting to add new members to the IWWA family, meetings, discussions, tele calling etc were carried out from time to time with various eligible persons who encountered IWWA centre/ its members. As a result, many new members were added in the family. The effort is still on and many new members are expected to join in future.

ACTIVITIES OF IWWA ODISHA CENTRE: (FY 2023-24)

Following activities have been planned for the FY 2023-24;

- 1. General body meeting of IWWA Odisha Centre
- 2. Celebration of World Environment Day 2023
- 3. Celebration of Engineer's Day 2023
- 4. Theme based Lecture for IWWA Members in Odisha
- 5. Exposure visits for students/ community people

13. PUNE CENTRE

Office Bearers

CHAIRMAN	HON. SECRETARY	HON. TREASURER
Er. Subhash B. Bhujbal	Er. Pate K. N.	Er. Parag A. Kashyape

VICE CHAIRMAN	HON. JOINT SECRETARY	
Er. Dayanand B. Panse	Er. V. E. Pawar	

Managing Committee Members

Er. Milind V. Chaware	Er. Shivram A. Kulkarni	Er. Hrishikesh. M. Kaluskar
Er. Rajesh D. Kulkarni	Prof. Rajendrakumar V. Saraf	Er. Praveen Kolhe
Mr. Nampurkar Anant G.	Er. Nandu N. Bhoi	

Ex Office Bearers

Chairman	Hon. Secretary
Er. Sukhdev N. Garande	Er. Anil N. Kulkarni

Invitee Members

Er. Avate V. S.	Dr. Krishnani R. B.	Dr Milind Gidde	Er. Sugandha Nalawade
Er. Kulkarni V. L.	Er. Kulkarni V. G.	Dr. More A. B.	Er Praveen Ladkat
Er. Kalyankar V. R.	Er. Desai N. R.	Dr Nangare P B	Er. Prakash Khatal
Er. Kardile Shirish J.	Er. Holani R.G	Prof. Gawande Sagar	Er. Alawani A. N.
Er. Bhandekar	Er. Kadam	Dr. Sameer Shastri	Er. Dongare D. A

On behalf of Managing Committee of IWWA Pune Centre, I am pleased to present herewith Annual Report for the period 1/04/2022 to 31/03/2023.

GENERAL:

- 1) Pune centre hosted 55th IWWA Annual Convention held at Pune on 20-22 Jan. 2023 at Venue "Messe Global", Hadapsar, Pune-13. The convention was managed in a very nice manner. In the history of IWWA. First time 143 stalls were booked by various Exhibitors.
- 2) In Pune convention Er. S.B. Bhujbal was installed as President of IWWA for FY 2022-23.
- 3) In Pune convention IWWA Pune Centre was awarded with D.R. Bhise Award
- 4) In Pune convention Dr. Prakash Nangare was awarded for best lecture delivered at Pune Centre level.
- 5) In the election of IWWA HQ office bearers Er. D.B. Panse elected as Director Utility, Er. R.K. Kulkarni elected as Coopted members, Mrs. V.S. Awate also became COM member (one member recommended by Pune Centre)
- 6) Existence of present Managing Committee is up to AGM of 2023.
- 7) Chairman of Pune Centre is promoted as Chief Engineer of Maharashtra Jeevan Pradhikaran & posted at Nashik under MJP Nashik region.

Celebration various Days:

- 1) World Environment Day: Celebrated on 5th June 2022 on theme "Only One Earth" jointly with MJP & other organizations.
- 2) Engineers'Day: Celebrated on 15th Sept. 2022 jointly in MJP.
- 3) IWWA Foundation Day: Celebrated on 10th October 2022 in the office of IWWA Pune centre in the morning.

- 4) World Water Dy: Theme for WWD-2023 ws "Ground Water-Making invisible visible". The program WWD-2023 was celebrated jointly with MJP.
 - a) Celebrated on 23rd March 2023 at MJP Nashik Office. Near about 75-80 participants participated in the event.
 - b) Celebrated on 29/3/2023 at MJP Region Office. Near abut 90-95 participants participated in the event.

Lecture Meetings:

- Celebrated Engineer's Day 15/9/2022 in AISMS COE Pune-1. Chief Guest was Dr. Mahesh Kakade Director, Board of Examination & Evaluation. Guest Speaker was Dr. Durga mohanti (Assist. Professor, Dept. of Geology SPPU and Topic of lecture was "Structural Geology for Cvil Engineers".
- 2) First S.D. Mande Memorial lecture was arranged on 12/12/2023, Expert speaker Er. Dr.D.M. More, Ex. Director WRD (Maharashtra) delivered lecture on Topic "Water & Urbanization" 80-90 participants joined this program.
- 3) A one day workshop was held on 24/3/2023 at Sinhgad COE on Design of Rural W/S Scheme. Er. Adiwarekar, Er. Anil Kulkarni & Er. K.N. Pate highlighted main factors to be considered while desining (Civil, Electro-Mechnical) any Rural W/S Scheme.
- 4) Lecture Series on "one week value added program on Industrial Practices in Environmental Engineering and Water Resources" under Youth Forum was arranged jointly with IWWA, PVPIT(COE), Smartha Infratech Services Pvt.Ltd. Pune. Speakers er. Pravin Kolhe, Hrishikesh Kaluskar, Er. Toro, Er. Mayuresh Dingorkarn, Er. Naveen Singh delivered their expert lecture on given related Topics.

Technical Visits:

On 16th February 2023, Technical vsit was arranged for youth forum of PVPIT COE students to PMCs 50 MLD STP constructed on Sinhgad Road(Near Rajaram Bridge), Pune-51.

Mnaging Committee Meetings:

Managing Committee meetings were held on:

1) 1st May 2022, 2) 25th July 2022, 3) 9th October 2022, 4) 28 Nov, 2022, 5) 18th March 2023.

Pune Centre at a Glance:

IWWA Pune Centre covers Pune, Ahmednagar, Nasik, Dhule, Nandurbar, Jalgaon, Satara, Solapur, Kolhapur, Sangli Dist. Total Strength of al types of Members of IWWA Pune Centre as on 31/3/2022(as per HQ record) is 878.

14. RANCHI CENTRE

No	Event	Date	Description	Venue	Attendance
1	Managing	2.5.2022	Meeting as per Agenda.	C.DO. HALL,	21
	Committee Meeting			Doranda, Ranchi.	
2	World Environment	5.6.2022	World Environment Day was celebrated in	Engineers Bhawan	42
	Day, 2022		association with Institution of Engineers India,	Doranda, Ranchi	
			Jharkhand Centre at Ranchi. Theme: "Only		
			One Earth" Chief Guest-Sri Kumar Manish		
			Arvind, IFS, Chief Conservator of Forest, GOJ.		
3	Tree Plantation	10.07.2022	Plantation of Trees was done by IWWA	Inspection Bunglow of	34
	Progranmme		Ranchi Centre members in Inspection	Hatia Filtration Plant.	
			Bunglow Campus of Hatia Filtration Plant.		
			100 trees were planted followed by lunch.		
4	Managing	10.07.2022	As per Agenda	Inspection Bunglow of	34
	Committee Meeting			Hatia Filtration Plant.	
5	Engineers Day	15.09.2022	Engineers Day was celebrated in Hotel Green	Hotel Green Horizen,	25
	Celebration		Horizen. Chief Guest-Er. Ramesh Kumar,	Ranchi	
			Retd. Engineer-in Chief, D.W. & S. D. and		
			Project Director (Technical), JUIDCO Ltd.,		
			Ranchi. Speaker-Dr. Satish Kumar, Asstt.		
			Professor, BIT,Mesra.		

6	Managing	14.11.2022	Meeting as per Agenda.	JUIDCO Office,	15
	Committee Meeting.			Ranchi.	
7	Family Picnic of	11.12.2022	Family Picnic was arranged for IWWA	Rukka Filtration Plant	36
	IWWA Ranchi		members of Ranchi Centre in Rukka	Inspection Bunglow.	
	Centre Members.		Filtration Plant followed by lunch.		
8	Managing	11.12.2022	Meeting as per Agenda.	Rukka Filtration Plant	20
	Committee Meeting.			Inspection Bunglow.	
9	Managing	18.02.2023	As per Agenda.	JUIDCO office,	18
	Committee Meeting.			Ranchi.	
10	World Water Day	22.03.2023	World Water Day was celebrated on	BNR Chanakya Hotel,	52
	Celebration		22.03.22023 in BNR 22.03.2023 Chanakya	Ranchi.	
			Hotel, Ranchi. (Er. PR®MOD KUMAR)		
			Theme: "Accelerating change to solve the		
			water and sanitation crisis" Chief Guest: Dr.		
			Manish Ranjan, IAS Secretary, D.W. & S. D,		
			GOJ Theme Speaker- Dr. Arvind Lal, Asstt.		
			Professor, Central University, Jharkhand.		
11	Annual General	22.03.2023	Annual General Body Meeting was held as	BNR Chanakya Hotel,	42
	Body Meeting		per Agenda and Election of Office bearers of	Ranchi.	
			IWWA Ranchi Centre for the Year 2023-25		
			was held. Followed by Dinner		

APPRECIATION

The Council of Management places on record appreciation of their work and offers thanks to:

- 1) All authors of papers and short communications published in the Journal.
- 2) All persons who prepared and delivered lectures in the International Conferences, Seminars, Workshops, Technical Programmes and the Annual Convention.
- 3) All members who worked on various Committees of the Association
- 4) All members of the organizing committees of all the Seminars, Workshops, Conferences held at various Centres during the year.
- 5) All donors to the Association
- 6) All advertisers and persons who secured the advertisements.
- 7) The Administrative staff of the Association Secretariat.
- 8) S.R. Mulye & Co., Mumbai, Auditors for auditing the accounts.
- 9) All well wishers of IWWA.

No.	List of IWWA Publications for Sale Publication	Price
1.	Chlorination and use of Chlorinators	100/-
2.	Design of Large Diameter Steel Pipelines	120/-
3.	Leak Detection and Waste Prevention in Water Distribution Systems	120/-
4.	Directory of Members of Council of Management and other Committees.	50/-
5.	Hydraulics Designs Tables	90/-
6.	Analysis and Design of Prestressed Concrete Pipe	1200/-
7.	Manual on Eutrophication	100/-
8.	Manual on Augmentation and Upgradation of Water	200/-
9.	Our planet in Peril Save it.	200/-
	IWWA Centre's Publications	
1.	Proceedings of the Seminar on Pumps, Valves & Accessories (Mumbai Centre)	100/-
2.	Design of Water Treatment Plant (Nagpur Centre)	500/-
3.	Manual on Drinking Water Quality (Mumbai Centre)	50/-
4.	Rain Water Harvesting (Mumbai Centre)	50/-
5.	Achieving 24 x 7 Continuous Water Supply (Mumbai Centre)	450/-
6.	Manual on Guidelines for Reuse of City Effluents in Agriculture (Mumbai Centre)	500/-
7.	Rain Water Harvesting Systems, Planning, Design, Construction & Maintenance (Mumbai Centre)	100/-
8.	An Environment to be proud of (Mumbai Centre)	375/-
9.	Improving Service Delivery in Water Supply (Mumbai Centre)	225/-
10.	Low Cost Sanitation by R.G. Deo, Published by Goa Centre	200/-
11.	Lexicon - Water & Waste Water Engineering Bangalore Centre	1000/-
12.	AWWA set	
	Extra postage charges Rs. 50/- each. Payment by D.D. only	



INDIAN WATER WORKS ASSOCIATION AWARD/PRIZES: 2022-2023

Sr. No.	Name of the Prize/Award	Names of the Prizes/Awards Winners
1	S.K. Shah Memorial Shield	Nagpur Centre
2	D.R. Bhise Memorial Shield	Meerut Centre
3	Jal Nirnmalata Puraskar	Er. R.G. Holani, Pune Centre
4	Brijnandan Sharma Award	Er.H.M.Kaluskar, Pune Centre
5	Linga Raja Das Memorial Trophy	Er. Bharat Bhushan, Meerut Centre
6	Vyankatesh Dahasahasra Award	No nomination
7	IWWA Jalseva Puraskar	Er. P.S. Kolhe, Amravati Centre
8	Vag Valves (India) Pvt. Ltd.	No nomination
	Prizes for Best Articles in IWWA Journa	al (Sr.Nos. 9 to 13)
9.	Kencha Raddy Memorial Prize:	Venkatesh J.,Ganesh D.Kale
10.	Shri P.V. Patki Memorial Prize:	Vijaykumar A. Kakade
11.	Shri S.V. Patwardhan Memorial Prize:	Shivendra B.T., Vinay A., Spoorthy S.S
12.	Shri S.P. Unvala Memorial Prize:	Mohd Anas
13.	Dr. P.R. Bhave Memorial Prize:	Shubham Kumar Sanu, Chandrakanta, Kavya Agrawal, Vishwa Raj Sharma, Amrita Bajaj
14.	Dr. Costantino Faillace Friends of Active Adivasi Trust Award	Er. Arun Shastrakar, Amravati Centre
15	Prizes for Best Lecture	 Er. Ulhas Paranjpe, Mumbai Centre Er. Sarvesh Kumar, Meerut Centre Er. P.D. Bhamare, Amravati Centre Shri Cinmay Tripathy, Odisha Centre Ar. Mrs. Prajakta Baste, Pune Centre Er. Udayan Shrouti, Nagpur Centre Shri Filip Ekka, Raipur Centre Er.S. Sudeep Bhatnagar, Indore Centre
16.	Certificate of Appreciation	Meerut Centre
17.	Borouge (India) Pvt.Ltd. Award	No nomination
18.	Shri V.D. Deshpande Memorial Prize	Er. A.G. Nampurkar, Pune Centre
19.	Certificate of Appreciation (Youth Forum for Water) For IWWA Centre or for an Organisation	No nomination
20.	Certificate of Appreciation (Youth Forum for Water) For Individual (Three prizes)	i) H.V. Byrareddy ii) S. Mourya
21.	Hindustan Dorr Oliver Prizes (Three prizes for Best paper presentation in Convention)	To be decided in Convention

Hindustan Dorr Oliver Prizes for best paper presentation during Annual Convention on $20^{\text{th}}\text{-}22^{\text{nd}}$ January 2023 at Pune

- 1. Shri Nath Paunikar
- 2. Shri Anuj Kumar Gholpade et al.
- 3. Shri Arun Kumar Singh et al.

S.R. MULYE & CO.

Chartered Accountants.

6, Kadamgiri Apartments, Hanuman Road, Vile Parle (E), Mumbai : 400 057.

INDIAN WATER WORKS ASSOCIATION

We have compiled the attached Balance Sheet of Indian Water Works Association, Mumbai as at 31 st March, 2023 and also the Income and Expenditure Account for the year ended on that date annexed thereto. These Financial statements are responsibility of the Management. Our responsibility is to compile the financial statements received from the centers and we observe that,,

- 1. The Annexed statements are consolidation of the accounts of the different centers located all over India of INDIAN WATER WORKS ASSOCIATION as detailed hereunder..
- 2. Income and Expenditure Account and Balance Sheet as on 31 st March, 2023 duly audited are received only from Head Quarters, Ahmedabad, Akola, Amravati, Aurangabad, Bangalore, Bhopal, Odisha, Chennai, Coimbatore, Delhi, Goa, Lucknow, Hyderabad, Indore, Jaipur, Jodhpur, Kolkatta, Meerut, Mumbai, Mysuru, Nagpur, Poona, Prayagraj, Raipur, Ranchi & Vadodara.
- 3. Only Bank statement received from **Gwalior**, **Patna & Srinagar** center. These statements do not form part of the Consolidation.
- 4. Income and Expenditure Account and Balance Sheet as on 31 st March 2023 are not received from **Dehradun**, **Guwahati**, **Jalandhar**, **Kerala**, **Madurai**, **Jabalpur & Hamirpur** centers, therefore, not included in this consolidated statement.
- 5. The Fixed Assets, Investments, Cash and Bank Balances etc. shown in the accounts of each centre is as per statement received from each of the centers and the same has not been verified by or reconciled by us.
- 6. The depreciation has not been provided on all the fixed Assets.
- 7. The financial statements annexed hereto give true and fair view in the case of Balance Sheet of the state of affairs of INDIAN WATER WORKS ASSOCIATION as on 31 st March 2023 and in case of Income and Expenditure account of the surplus for the year ended on that date subject to non-inclusion of certain centers as mentioned in paragraph 3 & 4 of this report and subject to Notes to Accounts attached herewith.

For S.R. Mulye & Co.

Chartered Accountants.

Sd/-

CA – S.R. Mulye. Proprietress. Mem. No : 38180.

Place : Mumbai Date : 24.11.2023



INDIAN WATER WORKS ASSOCIATION

Indian Water Works Association : Our Observations regarding method of accounting followed by centres: Different accounting methods and policies followed by the different centres as on 31.03.2023.

ANNEXURE I

Sr. No.	Centre	Method of Accounting followed	
1	Lucknow centre	Not Mentioned	
2	Chennai Centre	Not mentioned	
3	Hyderabad Centre	Not Mentioned	
4	Amravati Centre	Mixed	
5	Dehradun Centre	Centre accounts not received	
6	Odisha Centre	Not mentioned	
7	Kolkata Centre	Not mentioned	
8	Ahmedabad Centre	Not Mentioned	
9	Bhopal Centre	Cash	
10	Coimbatore Centre	Not Mentioned	
11	Hamirpur Centre	Centre accounts not received	
12	Indore Centre	Cash	
13	Raipur Centre	Not Mentioned	
14	Jabalpur Centre	Centre accounts not received	
15	Pune Centre	Revenue from Convention activities & Interest on accrual basis	
16	Goa Centre	Not Mentioned	
17	Jaipur Centre	Mercantile, Interest on FDR on Accrual basis	
18	Akola Centre	Cash	
19	Jodhpur Centre	Not mentioned	
20	HQ	Accrual system of accounting is followed	
21	Aurangabad	Not mentioned	
22	Bengaluru	Not Mentioned	
23	New Delhi	Accrual Basis	
24	Guwahati	Centre accounts not received	
25	Gwalior	Centre accounts not received	
26	Mumbai	Mercantile	
27	Mysuru	Not mentioned	
28	Nagpur	Interest on Deposits & BOM on Accrual basis, Provision for expenses Cash basis	
29	Ranchi	Cash	
30	Srinagar	Not mentioned	
31	Vadodara	Not Mentioned	
32	Patna	Centre accounts not received	
33	Prayagraj	Not Mentioned	
34	Jalandhar	Centre accounts not received	
35	Kerala	Centre accounts not received	
36	Madurai	Centre accounts not received	
37	Meerut	Not Mentioned	



INDIAN WATER WORKS ASSOCIATION

BALANCE SHEET AS ON 31st MARCH, 2023

AMOUNT 2021 - 22	LIABILITIES	AMOUNT 2022- 23	AMOUNT 2021 - 22	ASSETS	AMOUNT 2022 - 23
	OTHER EARMARKED FUND			LAND	
54747939		59378260	48011	Annexure F	48011
	BUILDING FUND			BUILDING	
28278841	Annexure B	28278841	14469019	Annexure G	16856537
831760	LOANS & ADVANCES Annexure C	781760	4254564	OTHER ASSETS Annexure H	4342522
1489362	DEPOSITS & LIABILITIES Annexure D	2007589	103150051	INVESTMENT Annexure I	115140406
77251132	INCOME & EXPENDITURE Annexure E	94655302	13475247	DEPOSITS & ADVANCES Annexure J	13887172
			27202142	CASH & BANK BALANCE Annexure K	34827104
162599034	Total	185101752	162599034	Total	185101752

As per our report of even date

For S.R.Mulye & Co.

For Indian Water Works Association

Chartered Accountants

sd/- sd/- sd/-

C.A. - S.R.Mulye President Hon. General Secretary Hon. Secretary (Finance)

Proprietress sd/- sd/-

Mem.No.38180 COM Member COM Member

Place : Mumbai Date : 24.11.2023



INDIAN WATER WORKS ASSOCIATION

INCOME & EXPENDITURE A/c. FOR THE YEAR ENDED 31st MARCH 2023

AMOUNT 2021 - 22	EXPENDITURE	AMOUNT 2022 - 23	AMOUNT 2021 - 22	INCOME	AMOUNT 2022 - 23
978136	To Expenditure in Respect of Properties			By Interest Income	
	Annexure "L"	1344474	5793594	Annexure "P"	7260312
				By Advertisement & Donation	
6847645	To Establishment Expenses		3058070	Annexure "Q"	4307340
	Annexure "M"	7179995		By Annual Convention IWWA -	
				Hyderabad	
356176	To Miscellaneous Expenses		9676891	Annexure "R"	936000
	Annexure "N"	147653		By Membership Fees	
				Annexure "S"	179389
1620312	To Depreciation	1666704	80258	By Membership Fees	
				Annexure "S"	
10017893	To Expenditure in object of Association		1131845	By Annual Convention	35635697
	Association Annexure "O"	25177807		Annexure "T"	
			5436335	By Income from other source	
				Annexure "U"	5200755
5383282	To Excess Income over Expenditure	18068386	26450	By Miscellabeous Income	
				Annexure "V"	65526
25203444	Total	53585019	25203444	Total	53585019

As per our report of even date

For S.R.Mulye & Co.

For Indian Water Works Association

Chartered Accountants

sd/- sd/-

C.A. - S.R.Mulye President Hon. General Secretary Hon. Secretary (Finance)

Proprietress sd/- sd/-

Mem.No.38180 COM Member COM Member

Place : Mumbai Date : 24.11.2023



INDIAN WATER WORKS ASSOCIATION SCHEDULE FORMING BALANCE SHEET AS ON 31ST MARCH 2023

OTHER EARMARKED FUNDS	ANNEXURE "A"
Ahmedabad	1248343
Bangalore	1781007
Bhopal	6095134
Head Quarter	46154872
Kolkata	7165
Nagpur	1812251
Raipur	46151
General fund kolkatta center	1820799
General Fund Prayagraj	412538
Total	59378260
BUILDING FUND	ANNEXURE "B"
Bangalore	12414625
Goa	4350000
Head Quarters	1387530
Hyderabad	5244400
Indore	4882286
Total	28278841
LOANS & ADVANCES	ANNEXURE "C"
Amravati	31760
Bangalore	750000
Total	781760
Deposits & Liabilities	ANNEXURE "D"
Anil Nagori & Co Jaipur	2250
Audit Fees Payable - Bhubaneshwar	17700
Audit Fees Payable - Meerut	11800
Audit Fees Payable - Hyderabad Centre	10000
Audit Fees Payable - Lucknow	5000
Audit Fees Payable - Prayagraj	6000
N M Patel - Vadodara	7500

M. Madhiyalagan CBE Coimbatore	15000
Salary Payable - Mumbai	13000
P S N Patro (Treasurer) - Bhubaneshwar	550
Loan From Chairman-Guwahati	1000
Loan From Honorary Secretary - Mysuru	5000
Loan From Secretory-Guwahati	3000
Rampal Agarwal - Jaipur	2500
Sir Jawanjal Sir - Amravati	660
Salary Payable - Hyderabad Centre	7000
Shri Mokadam - Amravati Center	42
Shri Nibhalkar Amravati Centre	3700
Deposits & Liabilities - Bangalore	397417
Deposits & Liabilities - Goa	143765
Deposits & Liabilities - H.Q.	386155
Deposits & Liabilities - Kolkata	4000
Deposits & Liabilities - Mumbai	14160
Deposits & Liabilities - Srinagar	48657
Share of Profit of HQ - Poona	-1405268
Loan Recd. From IWWA - Jodhpur Centre	1000
Sundry Creditors (Convention) - Poona	2082889
53rd Annual Con. IWWA Exp. Payable - Hyderabad	930
TDS Refund - Jodhpur	22982
Unspent Donation - Ahmedabad	131000
Provisions - Poona	50500
Professional Fees Payable - Delhi	17700
Total	2007589
Income & Expenditure A/c.	ANNEXURE "E"
Akola	31734
Aurangabad	51951
Bhubaneshwar	409638

SOCII	
Dehradun	1965
Gwalior	17139
Hamirpur	26270
Mysuru	204144
Patna	3925691
Ahmedabad	24677297
Amaravati	742447
Chennai	661088
Coimbatore	277877
Delhi	17859901
Goa	843055
Guwahati	19408
H.Q.	-19489253
Hyderabad	12226251
Indore	2586701
Jabalpur	93774
Jaipur	4734118
Jodhpur	2342057
Kerala	32664
Kolkata	3144882
Lukhnow	5157897
Meerut	98926
Mumbai	10208380
Nagpur	5393057
Poona	15708726
Ranchi	124592
Srinagar	-1978
Vadodara	2544903
Total	94655302
Land	ANNEXURE "F"
Nagpur	48011
Total	48011
Building	ANNEXURE "G"
Building - Bangalore	5486102
Building Construction - Indore	2501359
Building H.Q.	1281934

2762894
914167
1720222
606594
1085714
152632
327208
17711
16856537
ANNEXURE "H"
215402
1166
25692
242260
4670
15041
13798
5878
52420
4963
96770
5539
70606
13674
1079397
62523
110599
1342338
12667
25177

	NATER 40 PX
3	78SOCIATION S

Furniture - Ahmedabad	20432
Furniture - Amaravati	35500
Furniture - Bangalore	208083
Furniture - Delhi	226
Furniture - H.Q.	13756
Furniture - Hyderabad	665107
Furniture - Indore	883
Furniture - Mumbai	1331
Furniture - Nagpur	71287
Furniture - Poona	7459
Water Purifier - Nagpur	2434
Iron Almirah - Patna	11328
Total	1075670
E) Office Equipment	
Office Equipment - Ahmedabad	145896
Head Quarters	69862
Mumbai	28
Office Equipment - Bangalore	4829
Total	220615
F) Other Current Assets	
Hyderabad	1000
Mumbai	943225
Vadodara	11585
Environment Photo - Bangalore	24322
Total	980132
G) Sundry Debtors	
Ahmedabad	120000
Rent Receivable - Hyderabad	200000
Sundry Debtors - Patna	33600
Receivable of sale of Books - Mumbai	6137
l l	
Sundry Debtors (Convention) - Poona	25000
, , , ,	25000 38473 7
Poona	

	OSOCIA
Investment	ANNEXURE "I"
Investment - Ahmedabad	22818657
Investment - Amaravati	441342
Investment - Bangalore	4018136
Investment - Bhopal Centre	1142351
Investment - Coimbatore	115000
Investment - Delhi	15809529
Investment-Goa	5125176
Investment - H.Q.	22463088
Investment - Hyderabad	4533687
Investment - Jaipur	4227316
Investment - Jodhpur	2243353
Investment - Kolkata	2570000
Investment - Lukhnow	2575210
Investment - Mumbai	6829642
Investment - Nagpur	5189192
Investment - Poona	13119132
Investment - Ranchi	51000
Investment - Ranchi Investment - Vadodara	51000 1868595
Investment - Vadodara Total	1868595 115140406
Investment - Vadodara	1868595
Investment - Vadodara Total Deposits and Advances Deposit with Income Tax	1868595 115140406 ANNEXURE "J"
Investment - Vadodara Total Deposits and Advances Deposit with Income Tax Authority - Kolkatta	1868595 115140406 ANNEXURE "J" 5500
Investment - Vadodara Total Deposits and Advances Deposit with Income Tax Authority - Kolkatta Accrued Interest FDR - Jaipur	1868595 115140406 ANNEXURE "J" 5500
Investment - Vadodara Total Deposits and Advances Deposit with Income Tax Authority - Kolkatta Accrued Interest FDR - Jaipur Accrued Interest on FDR - Bhopal	1868595 115140406 ANNEXURE "J" 5500 197265 56995
Investment - Vadodara Total Deposits and Advances Deposit with Income Tax Authority - Kolkatta Accrued Interest FDR - Jaipur Accrued Interest on FDR - Bhopal Accrued Interest - Nagpur	1868595 115140406 ANNEXURE "J" 5500 197265 56995 246260
Investment - Vadodara Total Deposits and Advances Deposit with Income Tax Authority - Kolkatta Accrued Interest FDR - Jaipur Accrued Interest on FDR - Bhopal Accrued Interest - Nagpur Accrued Interest - Vadodara	1868595 115140406 ANNEXURE "J" 5500 197265 56995 246260 347811
Investment - Vadodara Total Deposits and Advances Deposit with Income Tax Authority - Kolkatta Accrued Interest FDR - Jaipur Accrued Interest on FDR - Bhopal Accrued Interest - Nagpur Accrued Interest - Vadodara Accrued Interest - Poona	1868595 115140406 ANNEXURE "J" 5500 197265 56995 246260 347811 24534
Investment - Vadodara Total Deposits and Advances Deposit with Income Tax Authority - Kolkatta Accrued Interest FDR - Jaipur Accrued Interest on FDR - Bhopal Accrued Interest - Nagpur Accrued Interest - Vadodara Accrued Interest - Poona TDS 194A Bank Int Poona	1868595 115140406 ANNEXURE "J" 5500 197265 56995 246260 347811 24534 12246
Investment - Vadodara Total Deposits and Advances Deposit with Income Tax Authority - Kolkatta Accrued Interest FDR - Jaipur Accrued Interest - Nagpur Accrued Interest - Vadodara Accrued Interest - Poona TDS 194A Bank Int Poona TDS 2019-20 - Lucknow Center	1868595 115140406 ANNEXURE "J" 5500 197265 56995 246260 347811 24534 12246 3087
Investment - Vadodara Total Deposits and Advances Deposit with Income Tax Authority - Kolkatta Accrued Interest FDR - Jaipur Accrued Interest on FDR - Bhopal Accrued Interest - Nagpur Accrued Interest - Vadodara Accrued Interest - Poona TDS 194A Bank Int Poona TDS 2019-20 - Lucknow Center TDS Ahmedabad Centre TDS A Y 19-20 From 51st Annual	1868595 115140406 ANNEXURE "J" 5500 197265 56995 246260 347811 24534 12246 3087 1430220

TDS (21-22) Lucknow	35416
TDS AY 20-21 - Lucknow	2160
TDS Deducted - Patna	120020
TDS Int. on FDR - Nagpur	339558
TDS - Goa Centre	25683
TDS on interest FY 21-22 - Bhopal	6347
TDS on interest FY 20-21 - Bhopal	3000
TDS Receivable AY 21-22 - Poona	25131
TDS Jaipur Centre	162075
TDS on Interest on FDR - 2018- 19 Bhopal	6193
TDS on Interest on FDR FY 2022 - 2023	6059
Adv. for Building Const. & Renovation - Hyderabad	3470000
GST - Ahmedabad	49400
GST ITC - Patna	4860
GST Receivable - Bhopal	10800
Transferred to HO - Patna	1428763
TDS Receivable (AY 15-16) (Indore)	36494
TDS Receivable AY 16-17 (Indore)	114225
TDS Receivable A Y 2019-20 Indore	37302
TDS Receivable AY 2020-21 Indore	44854
TDS Receivable AY 21-22 - Indore	23799
TDS Receivable AY 22-23 - Indore	29101
TDS Receivable - Hyderabad	754740
TDS Receivable - Vadodara	42055
TDS Receivable Convention - Poona	282617
TDS Receivable FY 22-23 - Poona	19380

Deposits & Advances - Nagpur	12214
Advance Annual Convention Exp Lucknow	178000
Loan & Advances - H.Q.	822318
Loan IWWA - Jodhpur	1000
Loans & Adv Ahmedabad	818993
Loans & Advances - Amaravati	255987
Loans & Advances - Delhi	44200
Loans & Advances - Mumbai	685894
Loans & Advances - Vadodara	14932
Loans & Adv Bangalore	1432575
Grant to IWWA - Jodhpur Centre	25000
IWWA Activity - Jodhpur	500
Total	13887172
Cash & Bank Balance	ANNEXURE "K"
Ahmedabad	642833
Akola	31734
Amaravati	45780
Bangalore	62675
Bhopal	4674701
Chennai	661088
Coimbatore	177877
Dehradun	1965
Delhi	2023646
Goa	185961
Guwahati	23408
Gwalior	17139
Hamirpur	26270
H.Q.	3760874
Hyderabad	4020590
Hyderabad Indore	4020590 4680970
Indore	4680970
Indore Jaipur	4680970 152212
Indore Jaipur Jodhpur	4680970 152212 96186

	WATER MOR
3	100 ASSOCIATION

Total	34827104
Jabalpur Centre	93775
Vadodara	267425
Srinagar	46679
Raipur	46151
Bhubaneshwar	427888
Aurangabad	51951
Ranchi	73592
Prayagraj	418537
Poona	2830570
Patna	2322157
Nagpur	73204
Mysuru	209144
Mumbai	1769282
Meerut	110726

INDIAN WATER WORKS ASSOCIATION

SCHEDULE FORMING PART OF PROFIT & LOSS A/c. AS ON 31ST MARCH 2023

Expenditure in respect of Properties	Annexure "L"
Insurance Charges - Bangalore	9664
Insurance - HQ	5906
Municipal Tax - Ahmedabad	11553
Property Tax Paid - Bangalore	265580
Property Tax Paid - HQ	309366
Rental Expenses - Mysuru	31250
Repairs & Maintainence	711155
Total	1344474
Establishment Expenses	Annexure "M"
Electricity Charges	131870
Postage, Courier and Telephone Expenses	125777
Printing & Stationery	1475685
Salary	3211687
Travelling & Conveyance	144130
Water Charges	103435

Accounting Charges	78500
Audit Fees	324690
Security Charges Paid	46359
Labour charges Paid - Bangalore	77700
Professional Fees Paid	58053
Profession Tax Paid - Ahmedabad	2600
Donation Given	85000
Office Expenses	166831
Meeting Exp	983321
Consultancy Charges	138323
House Keeping Charges	2803
Generator Expenses - Bangalore	23231
Total	7179995
Miscellaneous Expenses	Annexure "N"
Bank Charges	16533
Miscellaneous Expenses	131120
	147653
Iotal	14/055
	Annexure "O"
Expenditure in object of Association	
Expenditure in object of Association Lecture Expenses	Annexure "O"
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference	Annexure "O" 243440
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference Expenses	Annexure "O" 243440 157435
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference Expenses Annual Convention	Annexure "O" 243440 157435 1095625
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference Expenses Annual Convention Annual General Meeting Expenses World Water Day / Annual Day	Annexure "O" 243440 157435 1095625 17984271
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference Expenses Annual Convention Annual General Meeting Expenses World Water Day / Annual Day Expenses	Annexure "O" 243440 157435 1095625 17984271 151758
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference Expenses Annual Convention Annual General Meeting Expenses World Water Day / Annual Day Expenses Journal Printing and Postage Exp.	Annexure "O" 243440 157435 1095625 17984271 151758 360892
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference Expenses Annual Convention Annual General Meeting Expenses World Water Day / Annual Day Expenses Journal Printing and Postage Exp. Foundation Day celebrations	Annexure "O" 243440 157435 1095625 17984271 151758 360892 991922
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference Expenses Annual Convention Annual General Meeting Expenses World Water Day / Annual Day Expenses Journal Printing and Postage Exp. Foundation Day celebrations Benevolent Fund HQ - Goa	Annexure "O" 243440 157435 1095625 17984271 151758 360892 991922 1900
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference Expenses Annual Convention Annual General Meeting Expenses World Water Day / Annual Day Expenses Journal Printing and Postage Exp. Foundation Day celebrations Benevolent Fund HQ - Goa News Paper & Magazines Donation / Contribution to IWWA	Annexure "O" 243440 157435 1095625 17984271 151758 360892 991922 1900 25000
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference Expenses Annual Convention Annual General Meeting Expenses World Water Day / Annual Day Expenses Journal Printing and Postage Exp. Foundation Day celebrations Benevolent Fund HQ - Goa News Paper & Magazines Donation / Contribution to IWWA HQ - Lucknow Donation / Contribution to IWWA	Annexure "O" 243440 157435 1095625 17984271 151758 360892 991922 1900 25000 4012
Expenditure in object of Association Lecture Expenses Membership Exp. Seminar, Projet & Conference Expenses Annual Convention Annual General Meeting Expenses World Water Day / Annual Day Expenses Journal Printing and Postage Exp. Foundation Day celebrations Benevolent Fund HQ - Goa News Paper & Magazines Donation / Contribution to IWWA HQ - Lucknow Donation / Contribution to IWWA Meerut - Lucknow Engineer's Day 2022 - Lucknow	Annexure "O" 243440 157435 1095625 17984271 151758 360892 991922 1900 25000 4012 50000



E	10720
Excess Amount Recd. From Firm Returned To Firm - Lucknow	19720
Insurance & Taxes - Poona	23749
IWWA Marathon expenses - Coimbatore	87835
Momentos & Shawls - Prayagraj	4400
Software Expenses - HQ	69250
Technical Books Opening Stock - Mumbai	950950
Trade License Renewal - Bangalore	30000
Training Programme - Meerut	3000
Sale of Publication Exp HQ	2637
Transfer to IWWA HQ - Poona	261977
Website Designing Charges - HQ	422495
Website Maintainence - HQ	50000
Website Renewal Exp Ahmedabad	35620
Paid to Head Office - Indore	50000
Prior Period Exp. Benevolent Fund - Mysuru	10000
Sound System, Projector, Screen - Delhi	2100
	2100 1668912
- Delhi Workshop Expenses Incurred -	
- Delhi Workshop Expenses Incurred - Bhubaneshwar	1668912
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment	1668912 152886
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment Fund - Nagpur	1668912 152886 25000
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment Fund - Nagpur Total	1668912 152886 25000 25177807
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment Fund - Nagpur Total Interest Income	1668912 152886 25000 25177807
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment Fund - Nagpur Total Interest Income A) Interest on F.D.R.	1668912 152886 25000 25177807 Annexure "P"
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment Fund - Nagpur Total Interest Income A) Interest on F.D.R. Interest FDR - Ahmedabad Centre	1668912 152886 25000 25177807 Annexure "P"
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment Fund - Nagpur Total Interest Income A) Interest on F.D.R. Interest FDR - Ahmedabad Centre Interest FDR - Coimbatore	1668912 152886 25000 25177807 Annexure "P" 1039219 5750
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment Fund - Nagpur Total Interest Income A) Interest on F.D.R. Interest FDR - Ahmedabad Centre Interest FDR - Coimbatore Interest FDR - Hyderabad	1668912 152886 25000 25177807 Annexure "P" 1039219 5750 237568
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment Fund - Nagpur Total Interest Income A) Interest on F.D.R. Interest FDR - Ahmedabad Centre Interest FDR - Coimbatore Interest FDR - Hyderabad Interest FDR - Jaipur Centre	1668912 152886 25000 25177807 Annexure "P" 1039219 5750 237568 219184
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment Fund - Nagpur Total Interest Income A) Interest on F.D.R. Interest FDR - Ahmedabad Centre Interest FDR - Coimbatore Interest FDR - Hyderabad Interest FDR - Jaipur Centre Interest FDR - Jodhpur	1668912 152886 25000 25177807 Annexure "P" 1039219 5750 237568 219184 226305
- Delhi Workshop Expenses Incurred - Bhubaneshwar IWWA HQ - Hyderabad IWWA President Endowment Fund - Nagpur Total Interest Income A) Interest on F.D.R. Interest FDR - Ahmedabad Centre Interest FDR - Coimbatore Interest FDR - Jaipur Centre Interest FDR - Jodhpur Interest FDR - Lucknow	1668912 152886 25000 25177807 Annexure "P" 1039219 5750 237568 219184 226305 71018

Interest on F.D.R Banglore	158467
Interest on FDR -Bhopal	6059
Interest FDR - Goa	256830
Interest on FDR - Indore	25722
Interest on FDR - Kolkatta	105739
Interest on FDR - Mumbai	554261
Interest on FDR - Poona	96817
Interest on Investment - HQ	1030600
Total (A)	5828698
B) Interest on S.B. A/c.	
Interest on SB - Bangalore	29209
Interest on SB - HQ	16200
Interest SB - Ahmedabad	7766
Interest SB - Akola	892
Interest SB - Bhopal	128494
Interest SB - Bhubaneshwar	26795
Interest SB - Chennai	17552
Interest SB - Coimbatore	5786
Interest SB - Delhi	553533
Interest SB - Goa	6581
Interest SB - Hyderabad	141336
Interest SB - Indore	125572
Interest SB - Jaipur	3391
Interest SB - Jodhpur	2601
Interest SB - Kolkatta	67019
Interest SB - Meerut	1603
Interest SB - Mumbai	46075
Interest SB - Nagpur	1839
Interest SB - Poona	237252
Interest SB - Raipur Centre	1173
Interest SB - Ranchi	1965
Interest SB - Vadodara	7600
Interest SB - Aurangabad	1380
Total (B)	1431614
Total A+B	7260312
Advertisement & Donation Income	Annexure "Q"
Advertisement Receipts IGST - Poona	260000
Advertisement (I) - Poona	2012021

3	NATER MORKS
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Contribution and Donation from Members - Ranchi	191329
Donation Recd Coimbatore	25000
Donation Recd Lucknow	305000
Donation Recd Meerut	106000
Donation Recd Poona	250510
Donation Recd Prayagraj	75000
Advt. & Donations Recd HQ	1082480
Total Advertisement & Donation Income	4307340
Annual Convention	Annexure "R"
Collection Recd. for Workshop - Bhubaneshwar	936000
Total	936000
Membership Fees	Annexure "S"
Membership Fees - HQ	103872
Membership Fees Recd Meerut	49622
Membership Fees Recd Nagpur	25895
Total	179389
Annual Convention Receipts	Annexure "T"
Annual Convention Balance Receipts - Lucknow	2015209
Delegate Receipts IGST - Poona	45000
Delegate Receipts - Poona	1396172
Exhibitor / Commercial Receipts - Poona	3637491
Exhibitor / Commercial Stall IGST - Poona	4254996
Grants, Incentive, Seminar Rec HQ	1602886
Hotel Charges Recd. from Delegates - Poona	54000
Membership Sucscription Recd Poona	122312
Sponsorer Receipts - Poona	22507631
Total	35635697
Income from Other Sources	Annexure "U"
Sale of Technical Data Books - Mumbai	10575
Sale of Publication - HQ	60590

	OSOCIA
Amenities & Fixtures - Bangalore	292711
Consultation Fees Recd Bangalore	189000
Electricity & Water Charges Recd Bangalore	175159
Profit on Sale of Books - Nagpur	7370
Souvenir Receipt - Meerut	180000
Tech. Data Book Sale - Poona	11975
Voluntary Contribution (Income) - Mysuru	25000
Sponsorship Recd Ranchi	35000
10% Incentive on Centre Revenue - HQ	131630
Lease Rent Recd. HMWS & SB - Hyderabad	300000
Rent - Convention Hall (Bangalore)	321300
Rent Recd Bangalore	869310
Building Facility Charges - Nagpur	859500
Incentive IWWA Student Chapter - Amravati	12600
Grant Recd Meerut	65000
Registration Fees Recd Indore	52000
Admission Fees Recd. Revenue - HQ	575600
Interest on IT Refund AY 21-22 - HQ	51030
Interest on IT Refund AY 22-23 - HQ	27680
Transfer Fees (Revenue) - HQ	4500
Technical Books Closing Stock - Mumbai	943225
Total	5200755
Miscellaneous Income	Annexure "V"
Misc. Receipts - HQ	5906
Misc. Income - Ahmedabad	7218
Annual Subscription - Mumbai	7000
Misc. Receipts - Poona	36402
Sale of Old Furniture - Bangalore	9000
Total	65526



Grouping of Schedule of Profit & Loss A/c. year ended 31st March 2023

Electricity Charges	
Nagpur	99990
HQ	31880
Total	131870
Meeting Expenses	
AGM Meeting Expenses - Bangalore	7478
Council Meeting - Mumbai	41000
Committee Meeting Expenses - Hyderabad	206027
Meeting Expenses - Mumbai	15525
Meeting Expenses - HQ	14114
Meeting Expenses - Kolkatta	8350
Meeting Expenses - Mysuru	15000
Meeting Expenses - Nagpur	10603
Meeting Expenses - Poona	560424
Meeting expenses - Ahmedabad	7865
Meeting Expenses - Jaipur	14298
Meeting Expenses - delhi	18000
Meeting Expenses - Prayagrag	64637
Total	983321
Postage & Courier And Telephone Exp.	
Postage & Courier Exp - Banglore	4197
Postage Exp - HQ	18678
General Postage - HQ	1000
Postage & Telephone - Mumbai	5740
Postage & Courier Exp Jaipur	3228
Postage Exp Ahmedabad	11815
Postage - Hyderabad	94
Postages - Poona	36657
Postage & Telephone - Lucknow	27
Postage & Telephone - Nagpur	13214
Postage & Telephone - Ranchi	735
Telephone Charges - Banglore	16059

Telephone Expenses - HQ	14123
Postage & Telephone - Amravati	210
Total	125777
Printing & Stationery	
Printing & Stationery Expenses - HQ	84325
Printing & Stationery - Bangalore	9319
Printing & Stationery - Jaipur	800
Printing & Stationery - Meerut	36570
Printing & Stationery - Poona	1217019
Printing & Stationery - Prayagraj	1770
Stationery & Printing - Amravati	250
Stationery & Printing Exp Ahmedabad	18099
Stationery & Printing - Mumbai	30275
Stationery & Printing - Nagpur	57129
Printing & Stationery - Lucknow	880
Stationery & Printing - Ranchi	5143
Xeroxing - HQ	13976
Typing & Xerox - Lucknow	130
Total	1475685
Repairs & Maintainence	
Repairs - Poona	800
Repair & Maintainence Chgs Ahmedabad	14542
Ahmedabad	14542
Ahmedabad Repairs & Maintainence - Bangalore	14542 53147
Ahmedabad Repairs & Maintainence - Bangalore Repairs & Maintainence - HQ	14542 53147 18618
Ahmedabad Repairs & Maintainence - Bangalore Repairs & Maintainence - HQ Repairs & Maintainence - Nagpur Computer Repairs & Maintainence -	14542 53147 18618 23548
Ahmedabad Repairs & Maintainence - Bangalore Repairs & Maintainence - HQ Repairs & Maintainence - Nagpur Computer Repairs & Maintainence - Nagpur	14542 53147 18618 23548 500
Ahmedabad Repairs & Maintainence - Bangalore Repairs & Maintainence - HQ Repairs & Maintainence - Nagpur Computer Repairs & Maintainence - Nagpur Building Repairs - Hyderabad	14542 53147 18618 23548 500 600000
Ahmedabad Repairs & Maintainence - Bangalore Repairs & Maintainence - HQ Repairs & Maintainence - Nagpur Computer Repairs & Maintainence - Nagpur Building Repairs - Hyderabad Total	14542 53147 18618 23548 500 600000
Ahmedabad Repairs & Maintainence - Bangalore Repairs & Maintainence - HQ Repairs & Maintainence - Nagpur Computer Repairs & Maintainence - Nagpur Building Repairs - Hyderabad Total Salary	14542 53147 18618 23548 500 600000 711155
Ahmedabad Repairs & Maintainence - Bangalore Repairs & Maintainence - HQ Repairs & Maintainence - Nagpur Computer Repairs & Maintainence - Nagpur Building Repairs - Hyderabad Total Salary Salaries, Wages & Bonus - Mumbai	14542 53147 18618 23548 500 600000 711155

•	NATER MORKS
-	ASSOCIATION OF THE PROPERTY OF

Salary - Indore	40000
Staff Welfare - HQ	8800
Salary-Hyderabad	126000
Salary, Wages and Bonus - Bangalore	494762
Salary, Wages Bonus - Ahmedabad	294016
Salary , Wages & Bonus - Ranchi	12000
Total	3211687
Office Expenses	
Office Expenses - Ahmedabad Centre	10515
Office Expenses - Hyderabad	2000
Office Expenses - Poona	148607
Office Expenses - Bangalore	5709
Total	166831
Security Charges	
Security Charges - HQ	45859
Security Charges - Bangalore Centre	500
Total	46359
Consultancy Charges	
Consultancy Charges - Bangalore	138323
Total	138323
House Keeping Charges	
House Keeping Charges - Bangalore	2803
Total	2803
Travelling & Conveyance	
Conveyance & Travelling Expenses - Ahmedabad	15694
Travelling & Conveyance - Bangalore	33450
Travelling expenses - Bhopal	36810
Travelling expenses - Meerut	3040
Travelling & Conveyance - HQ	7052
Travelling & Conveyance - Ranchi	510
Travelling expenses - Mumbai	1290
Travelling expenses - Mullioai	
Travelling expenses - Nagpur	46284

1	ASOCIAL.
Professional Fees Paid	
Professional Fees - Hyderabad	8400
Professinal charges Paid - Bangalore	2440
Professional Fees - HQ	-8987
Professional Fees - Delhi	47200
Professional Fees Paid - Prayagraj	2000
Professional Fees - Ahmedabad	7000
Total	58053
Water Charges	
Nagpur	5615
HQ	97820
Total	103435
Accounting Charges	
Accounting Charges- Ahmedabad	12000
Accounting Charges - Jaipur	2500
Account Writing Charges-Amravati	1000
Account Writing Charges- Nagpur	13500
Account Writing Charges - Poona	39500
Accounting Charges - Bhopal	10000
Total	78500
Audit Fees	
Audit Fee - Bangalore	35000
Audit Fees- Ahmedabad	6000
Audit Fees - Amravati	1700
Audit Fees - Bhopal Centre	20000
Audit Fees - Bhuwaneshwar	17700
Audit Fees - HQ	118500
Audit Fees - Hyderabad	10000
Audit Fees - Goa	5000
Audit Fees - Indore	2840
Audit Fees - Jaipur	2250
Audit Fees - Kolkatta	4000
Audit Fees - Meerut	11800
Audit Fees - Mumbai	14160
Audit Fees - Mysuru	2000



-00CIM	
Audit Fees - Nagpur	8850
Audit Fees - Ranchi	2500
Audit Fees - Poona	40310
Audit Fees - Prayaraj	10000
Audit Fees - Vadodara	7080
Audit Fees - Lucknow	5000
Total	324690
Donation Given	
Donation Given - Bhubaneshwar	25000
Donation Given - Mumbai	50000
Donation Given - Mysuru	10000
Total	85000
Depreciation	
Depreciation - Ahmedabad	4292
Depreciation - Bangalore	131137
Depreciation - Books Hyderabad	778
Depreciation - Equipment Hyderabad	190482
Depreciation - Furniture Hyderabad	73901
Depreciation - Furniture & Fixture Delhi	84
Depreciation - HQ	88263
Depreciation-Indore	98
Depreciation - Mumbai	151
Depreciation - Nagpur	129320
Depreciation on Building - Bangalore	716939
Depreciation on Building - Ahmedabad	16211
Depreciation on Building - Hyderabad	306988
Depreciation - Poona	8061
Total	1666705
Annual Convention	
Delegate Fees return - Poona	2400
Event Management exp Poona	624803
Food, Hotel Hospitality - Poona	5306678

Purchase 18% - Poona	326625
Purchase 5% - Poona	88000
Advertisement - Poona	10708010
Travelling & Conveyance (Convention) - Poona	923680
Convention expenses - HQ	4075
Total	17984271
World Water Day / Annual Day Exper	ıses
Annual Day Exp Ahmedabad	696
Foundation Day Expenses - Mumbai	6560
World Environment Day Celebration - Prayagraj	23385
World Environment Day Celebrations - Hyderabad	31269
World environment Day - Meerut	14985
World Water Day Celebration - Prayagraj	9500
World Water Day Celebration - Hyderabad	66150
World Water Day Expenses - Meerut	97774
World Water Day - Poona	9110
World Water Day - Lucknow	3500
World Environment Day - Lucknow	97963
Total	360892
Membership Exp.	
Membership Fees Exp Nagpur	47439
Membership Fees Paid - Meerut	44132
Contribution to Student Membership Paid - Bangalore	65864
Total	157435
Seminar, Project & Conference exp	
Conference Expenses - Prayagraj	19452
Seminar Expenses - Ahmedabad	24293
Seminar Expenses - Prayagraj	3000
Seminar Expenses - Ranchi	132171
Seminar Expenses - Vadodara	7500
Seminar Expenses - Bhopal	251989
Engineer's Day celebration - Hyderabad	22286

		GSOCIA
32060	Bank Charges - HQ	3107
248048	Bank Charges - Goa	281
329308	Bank Charges - Hyderabad	88
16058	Bank Charges - Indore	590
1095625	Bank charges - Meerut	2138
	Bank Charges - Mumbai	27
22500	Bank Charges - Mysuru	663
	Bank Charges - Poona	2215
	Bank Charges - Prayagraj	384
	Bank Charges - Delhi	318
	Bank Charges - Lucknow	72
131730	Bank Commission & Charges -	944
1500	Bank Commission & Charges -	504
400		701
1900	Convention Convention	501
diture	Total	16533
269855	Misc. Exp. (Banglore)	
722067		1000
991922		3875
	Misc. Expenses - Bangalore	50
243440	Packing expenses - Bangalore	2620
243440	Cleaning Expenses - Bangalore	5080
	Total (A)	12625
1930	Misc Exp. (Ahmedahad)	
2082		3687
4012	-	3239
F PROFIT &		6926
MARCH 2023	Total (B)	0720
t Expenses	Misc. Exp.(Poona)	
	Misc. Exp Poona	398
189	Entry Fees, Parking, Toll - Poona	930
4335		1328
177	Iotai (C)	1520
	248048 329308 16058 1095625 22500 26558 26700 76000 151758 1500 400 1900 diture 269855 722067 991922 243440 243440 243440 1930 2082 4012 F PROFIT & MARCH 2023 t Expenses	Bank Charges - Goa



Misc. Expenses - Goa				
Website Expenses - Goa	4000			
Total (D)	4000			
Misc Exp. Mumbai				
Share of Profit to HQ - Mumbai	1800			
Total (E)	1800			
Misc Exp (Nagpur Center)				
Misc. exp Nagpur	10123			
Ground Rent - Nagpur	3877			
Total (F)	14000			
Misc. Exp Head Quarters				
Discount Given - HQ	23600			
General expenses - HQ	16795			
Interest on Late Payment of GST - HQ Centre	360			
Late Filing Fees - HQ	1500			
Locker Rent - HQ	5428			
Misc. Exp HQ	15923			
Total (G)	63606			
Misc. Exp Delhi				
Flowers etc Delhi	850			
Total (H)	850			
Misc. Exp - Amravati				
Function expenses - Amravati	200			
Total (I)	200			
Misc. Exp - Ranchi				
General Expenses - Ranchi	5118			
Total (J)	5118			
Misc. Exp Bhopal				
Misc. Expenses - Bhopal	8000			
Total (K)	8000			

Misc. Exp Meerut		
Tree Plantation - Meerut	2667	
Total (K)	2667	
Misc. Exp Mysuru		
Prior Period Expenses - Mysuru	10000	
Total (M)	10000	
Total (A+B+C+D+E+F+G+H+I+J+K+L+M)	131120	

ANNUAL/EXTRAORDINARY / REQUISUITIONED, GENERAL BODY MEETING

FORM OF PROXY

INDIAN WATER WORKS ASSOCIATION

I/we			of
being a Member of the ab	ove Associat	tion hereby app	point (Membership No.)
			or failing
him		Membershi	ip No.)of
	As n	ny proxy/our a	uthorized representative to attend at the Annual
Extraordinary/Requisitions	ed General Bo	ody Meeting of	f the Association to be held on
day of	20		and to note at any poll held in connection
therewith.			
As witness my hand		day of	20
		Signatu	re
		Name o	& Designation
		Membe	rship No
		Address	:

55[™] IWWA ANNUAL CONVENTION AT PUNE













Indian Water Works Association

MCGM Compound, Pipeline Road, Vakola, Santacruz(East), Mumbai 400 055. Tel: 26672665 / 26672666 • Email: iwwahq@gmail.com • website: www.iwwa.info