

All Members of the Council of Management of
Indian Water Works Association

Dear Sir/Madam,

As per the election schedule sent vide my email dated 25.1.2025, nominations for the post of Director (Technical) were called. Four nominations as per list below were received and were found to be in order and were notified vide my email dated 10.2.2025

| Sno | Position | | Nominee name | Membership no | Center |
|-----|----------------------|---|-----------------------------|---------------|-----------|
| 1 | Director (Technical) | 1 | Mr. Biren Bhanuprasad Dalal | LF 1388 | Ahemdabad |
| | | 2 | Dr. P. Mariappan | LF 1268 | Coimbtore |
| | | 3 | Dr. R.K. Vishnoi | LF 1046 | Jodhpur |
| | | 4 | Dr. Virendra P Dehadrai | LF 1260 | Nagpur |

The last date for withdrawal of nominations was 20.2.2025. No communication for withdrawal has been received by the scheduled date. Accordingly, Final list of four candidates contesting for the position of Director (Technical) is attached herewith for information of all concerned. A copy of Bio Data of each contesting candidate is also attached herewith for your information and needful.

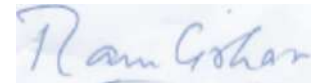
Ballot Paper with Guide Lines for voting will be dispatched through Speed Post to all eligible voters by the specified date.

Thanks & regards,

O.P.GOYAL
Returning Officer

BRIEF BIO-DATA OF DR. RAM KISHAN VISHNOI

1. Retired Chief Engineer PHED Govt. of Rajasthan with 40 years of experience in the field of water and wastewater engineering.
2. Member of Various professional bodies e.g. Fellow of the Institution of Engineers, Fellow of IWWA, Life member of ISTE, IAEM.
3. Director SIBS Engineering College Jodhpur and Visiting Faculty of MBM University Jodhpur.
4. Remained Chairmen IE Jodhpur Centre. (2013-2015)
5. Presently Hony Secretary IWWA Jodhpur Centre.
6. Organizing Secretary 24th and 42nd Annual Convention IWWA at Jodhpur.
7. Team Leader of NABCON CONSULTING SERVICES under JJM (2023-2024).
8. Published 48 Research papers in National and international Journals.
9. Remained Convenor of 7th International Conferences on Environmental Day under JNV University Jodhpur.
10. Educational Qualification: - PhD. Environmental Engineering, ME, LLB, DIIT (Remote Sensing), MBA,
11. Planned, Designed, and Executed Water Supply projects of more than 3000 Corers. Presently Active Environmental Consultant.



DR VIRENDRA PRABHAKAR DEHADRAI

- DATE OF BIRTH :** 25th November' 1969.
- QUALIFICATION :** BE (Civil), Nagpur University, 1991,
M Tech (Struct), IIT Powai, Mumbai, 1994,
PhD (Struct), VNIT Nagpur 2016
- EXPERIENCE :** **JE to AE, M/s Gammon (I) Ltd, Mumbai at HO**
(From 1994 to 1996)
- Design Engineer with M/s Consulting Engineering Services (I) Ltd, Navi Mumbai.**
(From 1996 to 1997)
- Partner of M/s Structural Consultants, Nagpur**
(From 1997 onwards.)
- Director, Aquades Structural Consultants (P) Ltd**
(since 2009)
*The firm is engaged in designs of **Public Health Engineering Structures (RCC and Steel)**, specialized in liquid retaining structures including **Jackwell, Intakewell and Approach**. We designed over 2500 **ESRs upto 50 Lac Liters cap, 500 GSRs upto 205 ML cap., Balancing Tanks upto 200 ML cap. and 300 Water Treatment Plants and 75 STPs & ETPs across various states of India.***
- Well Versed with Computer Languages viz Fortran, Basic, C & Packages like SAP, Autocad etc.
- PUBLICATIONS :** **"Computer Aided Design of Digester of a Sewage Treatment Plant"**, (with Minal V Dehadrai), National Seminar on "Computer Applications in Water Supply Systems", IWWA, Nagpur, March'1998, Pg 63-70.
- "Some Observations on Earthquake Analysis of Multistory Buildings"**, (with Dr R K Ingle), 15th National Convention of Civil Engineers-Cochin. Dec'1999.
- "Effect of Mathematical Modeling on Dynamics of Multistory Buildings"**, (with Dr R K Ingle) National Symposium on 'Advances in Structural Dynamics and Design', Madras, Jan'01.
- "IS-456:2000, An Overview"**, 'Water Supply Structures', Bulletin IWWA, Nagpur, Vol 1, No1, Dec'2000.
- "Some Observations from Gujarat Earthquake"**, 'Water Supply Structures', Bulletin IWWA, Nagpur, Vol 2, No1, Mar'2001.



Biren Dalal

B. E. (Civil)
M.Sc. (Env.) - Netherlands

PROFESSIONAL
BIO SKETCH

DETAILS

Positions held in various MNCs
Project Director & Team Leader

Discipline

Infrastructure (Water sector specialist)

Languages

English , Hindi , Gujarati

Qualifications

- B.E. (Civil),
- M.Sc. (Environmental Engineering) – IHE, Delft, The Netherlands

Membership

- IWWA, GICEA

Countries of Work Experience

- India, Saudi Arabia, UK

Key Skills

- Managing large scale infrastructure projects
- Hydraulic Design in water sector, particularly Surge Analysis.

Years of Experience

37+ years

Past Experiences

TATA CONSULTING ENGINEERS LTD.

Nov-2016 to June-2024



JACOBS ENGINEERING

Feb-2013 to Oct-2016



Mott MacDonald

Feb-2010 to May-2012



GWSSB

Jul-1986 to Sep-2009



SYNOPSIS

I have more than 37 years' experience in designing and project **management of large-scale Infrastructure projects**. Technical expertise for water supply system, sewerage system, Storm water network.

I worked on central government funded SMART City & AMRUT projects as delivery head of Gujarat state. This includes challenging project of **24X7 Water supply scheme for Gandhinagar, and rejuvenation of sewerage system of entire city of Gandhinagar** a capital city of Gujarat.

I led the team, as **Project Director** for delivering detailed engineering of MEP and external infrastructure scope for nations highest important **CENTRAL VISTA** Project. One of the most prestigious projects of the country.

I led the team of more than 40 people to deliver infrastructure scope **on Phosphate plant development project of Saudi Arabia**, including detailed engineering and issue of GFC drawings. Water fetched from 30 Kms. by implementing 24 borewells.

I was also involved in ADB funded Uttarakhand Urban Infrastructure Development Project as Team Leader on behalf of Design and Supervision Consultancy (DSC) firm. in which he was handling the design of water networks, water treatment plants, sewer network, sewerage treatment plants and Road widening component for Dehradun, Roodki and Haridwar cities.

I possesses experience of overseas work for United Kingdom (**water projects of all water companies of UK**) and Saudi Arabia for area drainage, six lane highways and drainage.

His technical expertise is in Hydraulic designs for water, waste water and storm water networks and **surge analysis** of pumping mains.

SELECTED PROFESSIONAL HISTORY

- ✦ Project Development and Management Consultancy for Urban development projects under GOI & GOG funding for **AMRUT and SMART CITY Projects**.

AMRUT is project for Urban Transformation by implementation of **Water supply, Sewerage, Storm Water**, together with Non-Motorized Transport and Green space development projects in selected ULBs. Whereas Smart City project is for making city "SMART" by implementation of Infrastructure and IT projects having Smart Features added to conventional system.

Project cost : \$ 32.3 Billion (4884 Cr. AMRUT1.0 + 17717 Cr. AMRUT2.0)
: \$ 4.65 Billion (3000 Cr. SMART CITY)

- ✦ MA'ADEN Phosphate Plant Development Project – **Saudi Arabia**

Preliminary and detailed design of Overall Infrastructure utilities (Water storm water, roads, Treatment plants of Waste water, external electricals) for Umm Wu'al Phosphate project of Ma'aden, a Saudi Arabian Mining Co.

Project cost : \$ 1 Billion

- ✦ Uttarakhand Urban Sector and Development Investment programme-**ADB Assisted** (Major components are Water supply, Waste water collection and road network)

Project cost : INR 15000 Million (\$ 260 Million)

- ✦ Rehabilitation of the existing water mains & distribution networks as Capital Maintenance - **UK**

- ✦ Saurashtra Link Canal consultancy project.

- ✦ Express Highways and Six-Lane Roads for Jubail Industrial and Residential City, **Saudi Arabia**

A Brief Bio Data of Dr. P. MARIAPPAN

Born on April 15, 1965, at a small rural village PULIAMARATHUKOTTAI in the state of Tamil Nadu, INDIA has adorned a distinguished career. He graduated in Civil Engineering from the Alagappa Chettiar College of Engineering and Technology, Karaikudi, Tamil Nadu and secured his Masters in M.E. Irrigation Water Management from the renowned College of Engineering, Anna University, Guindy Chennai. He was awarded Ph.D degree in the most wanted topic of Defluoridation of Water from Alagappa University, Karaikudi. He has also obtained Post Graduate Diploma in Computer Application and Material Management. He is a doyen of engineering, management, administrative and research faculties spanning over 36 years. He is with Tamil Nadu Water Supply and Drainage Board, Government of Tamil Nadu ever since inception during 1988 as Assistant Engineer to the present position of Executive Engineer. His distinctions are many, few of which are itemized herein:

- Designed and installed more than 400 hand pump schemes, 500 plus single village schemes, and 9 multi-village water supply schemes with 3 UGSS.
- Master trainer in Tamil Nadu Water Supply and Drainage Board.
- Instrumental in designing and implementing a couple of Under Ground Sewerage Projects.
- Successfully operated and maintained 31 multi Village Water Supply Schemes and an UGSS.
- Presently executing two multi-village schemes covering 1422 rural habitations in Dindugul District of Tamil Nadu.
- Published 58 research papers in various journals and presented 39 conference papers.
- As a research supervisor, he has produced 2 doctorates and guided M.E projects
- Created two patents to his credit

Further his invention includes Hand pump attached Defluoridation models 3 numbers, Domestic defluoridation filter, Iron removal plant for mini water supply scheme, Water ATM- Coin box distribution of treated water, Domestic level Iron removal filter, Low cost filter candles, Zero discharge house, Mobile Treatment unit for Septage management, Leach pit life extender, Nomogram for water hammer assessment and Village Water Health Card (VWHC). He is also a recipient of the Jal Nirmalata Pureskar, Shri Kencha Reddy Memorial Prize, S.V.Patwardhan Memorial Award, Hidustan Dorr-Oliver Prize, Brijanandan Sharma Award, and Medals from the Managing Director, TWAD Board and the District Collector to commemorate his brilliant contributions. He has both research (academic) and field knowledge.

Being a Life Fellow of IWWA, he is technically sound in Water Supply and Sewerage with capability of handling any technical responsibility.


(Dr. P. MARIAPPAN)