

e-File No: W-11042/22/2015-Water-II/245  
Government of India  
Ministry of Drinking Water and Sanitation

4th Floor, Pt. Deendayal 'Antyodaya Bhawan',  
CGO Complex, Lodhi Road,  
New Delhi – 110003.

Dated, the 6<sup>th</sup> July, 2018

**ORDER**

**Subject: Revised Composition of the Standing Committee for Examination of the best technologies concerning Sanitation and Water.**

The composition of the Standing Committee chaired by Dr. R.A. Mashelkar for Examination of the best technologies concerning Sanitation and Water is hereby revised to include the names of Smt. Renjitha M.H, Deputy Secretary (SBM-III & Water) as a Member & the undersigned as a Member-Secretary, and to exclude Shri Satyabrata Sahu, Joint Secretary from the list of members, since transferred.

2. The revised composition of the Committee will be as under:

1	Dr. Raghunath Anant Mashelkar	National Research Professor	Chairman
2	Shri Arun Baroka	Joint Secretary (SBM), Ministry of Drinking Water and Sanitation	Member
3	Smt. V. Radha	Joint Secretary (Water), Ministry of Drinking Water and Sanitation	Member
4	Dr. Rakesh Kumar	Director, NEERI	Member
5	Dr. Makarand Phadke	Senior Vice President, Reliance Innovation Leadership Centre	Member
6	Shri Anand Shekhar	Team Leader, PMC-SBM-G, Ministry of Drinking Water and Sanitation	Member
7	Shri G. Vasudeo	Secretary, Vivekanand Kendra, NARDEP	Member
8	Dr. H.S. Shankar	Representative from IIT, Mumbai	Member
9	Prof. C.B. Majumdar	Representative from IIT, Roorkee	Member
10	Prof. Arun Kumar Sharma	Representative from IIT, Guwahati	Member
11	Shri Abhay Jere	Vice President, Head – Persistent Labs at Persistent Systems Limited, Pune	Member
12	Dr. Dinesh Chand	Additional Adviser, Ministry of Drinking Water and Sanitation	Member
13	Shri Rajesh Kumar	Director (W), Ministry of Drinking Water and Sanitation	Member
14	Shri Mahesh Thakur	Deputy Secretary (SBM), Ministry of Drinking Water and Sanitation	Member
15	Smt. Renjitha M.H	Deputy Secretary (SBM-III & Water), Ministry of Drinking Water and Sanitation	Member
16	Shri Rohit Kakkar	Deputy Adviser, CPHEEO, Ministry of Urban Development	Member
17	Shri D. Rajasekhar	Deputy Adviser (WQ), Ministry of Drinking Water and Sanitation	Member
18	Shri A Muralidharan	Deputy Adviser, Ministry of Drinking Water and Sanitation	Member-Secretary

3. This supersedes O.M. no W-11042/22/2015-Water-II dated 16<sup>th</sup> January, 2018.

4. The subject Standing Committee will function for a period of five years w.e.f. 10.09.2014.

5. There is no change in the Terms of Reference (TOR) of the Committee communicated vide. letter no. W-11042/12/2014/NRDWP/Water-II dated 11-09-2014 (relevant information enclosed herewith for easy reference).
6. The TA/DA of non-official members/ research institutions will be borne by the Ministry as per Government of India TA/DA norms.
7. This issues with the approval of the competent authority.

Encl:- 'as above'

  
(A Muralidharan)  
Deputy Advisor  
Tel No: 011-24366015

Copy to:

1. The Chairman and all the members of the committee.
2. PS to Hon'ble Union Minister (DWS) and Hon'ble MOS(DWS) /Sr. PPS to Secy (DWS).
3. Sr. Technical Director, NIC with a request to upload the O.M. on the website.

Terms of References (ToR):

- i. Our TORs should be linked to Hon'ble PM's ultimate objective of 'Swachh Bharat' by 2019.
- ii. To identify, evaluate and empanel the best technologies in drinking water and sanitation, with a proven track record, that can be classified as affordable, sustainable and scalable on a nationwide basis.
- iii. A survey of all technologies in Water and Sanitation may be taken up by the Committee.
- iv. Review the advantages and disadvantages / limitations of each technology.
- v. Examine the cost effectiveness of each technology when compared to its uses.
- vi. Examine the environmental impact of each technology.
- vii. Suggest appropriate adoptable technologies to the States.
- viii. Examine the uses of these technologies in different agro-climatic zones in the country and make recommendations for adoption.
- ix. To provide recommendations on what non-technological innovations will be needed (e.g. Government policies, fiscal incentives, system delivery innovations, social innovations) so that the actual usage of these technologies in practice on affordable, sustainable and scalable basis is ensured.
- x. To recommend innovative ways by which different stake holders such as Government, society, private sector producers and service providers, NGOs, institutions, etc. could create powerful networks that will deliver the end objectives of Swachh Bharat by 2019.
- xi. Technological innovation is only one piece of the puzzle. The Committee should provide recommendations on what non-technological innovations will be needed so that not only toilets are 'built' on a massive scale, but they are 'used' on a massive scale!
- xii. The Committee is to make an extensive use of technology and social media to get ideas and inputs from all stakeholders.