

**On-line Training on
Community-Based Maintenance of Rural Water Supply System
Under Jal Jeevan Mission
(10 – 11 February, 2022)**



**CENTRE FOR RURAL INFRASTRUCTURE
NATIONAL INSTITUTE OF RURAL DEVELOPMENT AND PANCHAYATI RAJ
(Ministry of Rural Development, Government of India)
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1. Need

The Government of India has launched Jal Jeevan Mission (JJM) with the idea of providing Functional Household Tap Connection (**FHTC**) to every rural household of India by 2024. It has covered nearly 45% of the rural households providing FHTC as of December 2021 - reported by the Ministry of Jal Shakthi. There are several challenges on the way to achieving as well as sustaining the benefits of this mission. For instance, it's not merely about additional infrastructure creation, it encompasses source sustainability, community involvement, water quality / water safety, having trained manpower for O & M of the assets, sustainable financing mechanism, third party engagement etc. The real challenge in rural water supply lays in sustainable operation and maintenance. Hence, this training programme aims at discussing the **community-based and other O & M Models** that officials implementing Rural Water Supply Programmes need to be aware of so that the benefits of the mission sustain.

2. Objectives

- To expose the participants to the elements of community-managed rural water supply system such as integrating O & M Plan with GPDP, and facility provided by XV FC funds for O &M of the facilities.
- To introduce various elements of management such as community preparation; finance and economics; and the need to deploy trained - skilled and unskilled - manpower to run the RWS system.
- To provide the GPs with the management options available, Service Level Benchmarks, and Service Contract agreements in the case of contracting out water supply to third party agencies.

3. Contents

- The Place of Water and Sanitation under the XV Finance Commission
- Eco-system creation for managing rural water supply locally

- Community-managed water supply system – what it entails?
- Management Models and Financing Mechanisms
- GIS and IoT Application in rural water supply programmes
- Service Level Benchmarks (SLBs)
- Typologies of service contract agreements, and sample documents
- Scheme convergence and source sustainability measures
- Technical Management and manpower requirements
- Simple technologies for wastewater reuse and recycle
- Sustainable O & M of rural water supply system

4. Training Methods

It will be on-line training using Webex platform. There will be PowerPoint Presentations, Video shows, and experience sharing sessions on good practices. Case presentations and experience sharing arranged from successful Gram Panchayats / Officers.

5. Participants Level

The training is for the District and Block level officers involved in rural water supply – either in planning or in Operation and Maintenance of facilities. Those working in training institutions with the responsibility of training grassroots level facilitators, or guide the Gram Panchayats or local teams that are involved in preparing Village Action Plan and O & M plan for water supply may also participate. The participants can draw ideas from this course to customise them to the context of Uttar Pradesh. This programme is being designed bearing in view the concepts and functional strategy of Jal Jeevan Mission. Thus, some local NGOs working as empaneled Institutional Support Agencies (ISAs) of Jal Jeevan Mission (JJM) are also invited to participate.

6. What do you get?

- Integrating JJM with GPDP, and the role of XV FC funds in rural water supply
- Elements of community-managed water supply system

- The potential application of GIS and IoT application in RWS
- Engaging third party agencies for managing water supply at GP level
- Service Level Benchmarks for RWS, and monitoring indicators
- Management models and Financing mechanisms
- Water Quality Issues and ways to address them
- O & M planning and HR requirements at GP level

7. **Duration** : **2 days** (10 & 11 February, 2022)
3 hours on both days (10.00 am to 1.00 pm)

8. **Platform** : Webex (link will be sent to participants on their registered mail IDs after their registration)

9. This is organized at the behest of the **Ministry of Jal Sakthi**, as **NIRDPR, Hyderabad is a Key Resource Centre** for Water and Sanitation related training programmes.

10. **We request that those who shall participate may be asked to register through the link given below.**

<https://forms.gle/U3LFs3XK7woDVm2S9>

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